



Table of Contents

GRADE 4 • MODULE 1

Place Value, Rounding, and Algorithms for Addition and Subtraction

Module Overview	i
Topic A: Place Value of Multi-Digit Whole Numbers	1.A.1
Topic B: Comparing Multi-Digit Whole Numbers	1.B.1
Topic C: Rounding Multi-Digit Whole Numbers	1.C.1
Topic D: Multi-Digit Whole Number Addition	1.D.1
Topic E: Multi-Digit Whole Number Subtraction	1.E.1
Topic F: Addition and Subtraction Word Problems	1.F.1
Module Assessments	1.S.1

A

Correct _____

Multiply or divide.

1	$2 \times 10 =$		23	$\underline{\quad} \times 10 = 100$	
2	$3 \times 10 =$		24	$\underline{\quad} \times 10 = 20$	
3	$4 \times 10 =$		25	$\underline{\quad} \times 10 = 30$	
4	$5 \times 10 =$		26	$100 \div 10 =$	
5	$1 \times 10 =$		27	$50 \div 10 =$	
6	$20 \div 10 =$		28	$10 \div 10 =$	
7	$30 \div 10 =$		29	$20 \div 10 =$	
8	$50 \div 10 =$		30	$30 \div 10 =$	
9	$10 \div 10 =$		31	$\underline{\quad} \times 10 = 60$	
10	$40 \div 10 =$		32	$\underline{\quad} \times 10 = 70$	
11	$6 \times 10 =$		33	$\underline{\quad} \times 10 = 90$	
12	$7 \times 10 =$		34	$\underline{\quad} \times 10 = 80$	
13	$8 \times 10 =$		35	$70 \div 10 =$	
14	$9 \times 10 =$		36	$90 \div 10 =$	
15	$10 \times 10 =$		37	$60 \div 10 =$	
16	$80 \div 10 =$		38	$80 \div 10 =$	
17	$70 \div 10 =$		39	$11 \times 10 =$	
18	$90 \div 10 =$		40	$110 \div 10 =$	
19	$60 \div 10 =$		41	$30 \div 10 =$	
20	$100 \div 10 =$		42	$120 \div 10 =$	
21	$\underline{\quad} \times 10 = 50$		43	$14 \times 10 =$	
22	$\underline{\quad} \times 10 = 10$		44	$140 \div 10 =$	

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B

Improvement _____

Correct _____

Multiply or divide.

1	$1 \times 10 =$		23	$__ \times 10 = 20$	
2	$2 \times 10 =$		24	$__ \times 10 = 100$	
3	$3 \times 10 =$		25	$__ \times 10 = 30$	
4	$4 \times 10 =$		26	$20 \div 10 =$	
5	$5 \times 10 =$		27	$10 \div 10 =$	
6	$30 \div 10 =$		28	$100 \div 10 =$	
7	$20 \div 10 =$		29	$50 \div 10 =$	
8	$40 \div 10 =$		30	$30 \div 10 =$	
9	$10 \div 10 =$		31	$__ \times 10 = 30$	
10	$50 \div 10 =$		32	$__ \times 10 = 40$	
11	$10 \times 10 =$		33	$__ \times 10 = 90$	
12	$6 \times 10 =$		34	$__ \times 10 = 70$	
13	$7 \times 10 =$		35	$80 \div 10 =$	
14	$8 \times 10 =$		36	$90 \div 10 =$	
15	$9 \times 10 =$		37	$60 \div 10 =$	
16	$70 \div 10 =$		38	$70 \div 10 =$	
17	$60 \div 10 =$		39	$11 \times 10 =$	
18	$80 \div 10 =$		40	$110 \div 10 =$	
19	$100 \div 10 =$		41	$120 \times 10 =$	
20	$90 \div 10 =$		42	$120 \div 10 =$	
21	$__ \times 10 = 10$		43	$13 \times 10 =$	
22	$__ \times 10 = 50$		44	$130 \div 10 =$	

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A

Correct _____

Multiply.

1	$1 \times 3 =$		23	$10 \times 3 =$	
2	$3 \times 1 =$		24	$9 \times 3 =$	
3	$2 \times 3 =$		25	$4 \times 3 =$	
4	$3 \times 2 =$		26	$8 \times 3 =$	
5	$3 \times 3 =$		27	$5 \times 3 =$	
6	$4 \times 3 =$		28	$7 \times 3 =$	
7	$3 \times 4 =$		29	$6 \times 3 =$	
8	$5 \times 3 =$		30	$3 \times 10 =$	
9	$3 \times 5 =$		31	$3 \times 5 =$	
10	$6 \times 3 =$		32	$3 \times 6 =$	
11	$3 \times 6 =$		33	$3 \times 1 =$	
12	$7 \times 3 =$		34	$3 \times 9 =$	
13	$3 \times 7 =$		35	$3 \times 4 =$	
14	$8 \times 3 =$		36	$3 \times 3 =$	
15	$3 \times 8 =$		37	$3 \times 2 =$	
16	$9 \times 3 =$		38	$3 \times 7 =$	
17	$3 \times 9 =$		39	$3 \times 8 =$	
18	$10 \times 3 =$		40	$11 \times 3 =$	
19	$3 \times 10 =$		41	$3 \times 11 =$	
20	$3 \times 3 =$		42	$12 \times 3 =$	
21	$1 \times 3 =$		43	$3 \times 13 =$	
22	$2 \times 3 =$		44	$13 \times 3 =$	

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Lesson 3:

Name numbers within 1 million by building understanding of the place value chart and placement of commas for naming base thousand units.

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B

Improvement _____

Correct _____

Multiply.

1	$3 \times 1 =$		23	$9 \times 3 =$	
2	$1 \times 3 =$		24	$3 \times 3 =$	
3	$3 \times 2 =$		25	$8 \times 3 =$	
4	$2 \times 3 =$		26	$4 \times 3 =$	
5	$3 \times 3 =$		27	$7 \times 3 =$	
6	$3 \times 4 =$		28	$5 \times 3 =$	
7	$4 \times 3 =$		29	$6 \times 3 =$	
8	$3 \times 5 =$		30	$3 \times 5 =$	
9	$5 \times 3 =$		31	$3 \times 10 =$	
10	$3 \times 6 =$		32	$3 \times 1 =$	
11	$6 \times 3 =$		33	$3 \times 6 =$	
12	$3 \times 7 =$		34	$3 \times 4 =$	
13	$7 \times 3 =$		35	$3 \times 9 =$	
14	$3 \times 8 =$		36	$3 \times 2 =$	
15	$8 \times 3 =$		37	$3 \times 7 =$	
16	$3 \times 9 =$		38	$3 \times 3 =$	
17	$9 \times 3 =$		39	$3 \times 8 =$	
18	$3 \times 10 =$		40	$11 \times 3 =$	
19	$10 \times 3 =$		41	$3 \times 11 =$	
20	$1 \times 3 =$		42	$13 \times 3 =$	
21	$10 \times 3 =$		43	$3 \times 13 =$	
22	$2 \times 3 =$		44	$12 \times 3 =$	

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Lesson 3:

Name numbers within 1 million by building understanding of the place value chart and placement of commas for naming base thousand units.

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A

Correct _____

Multiply.

1	$1 \times 4 =$		23	$10 \times 4 =$	
2	$4 \times 1 =$		24	$9 \times 4 =$	
3	$2 \times 4 =$		25	$4 \times 4 =$	
4	$4 \times 2 =$		26	$8 \times 4 =$	
5	$3 \times 4 =$		27	$4 \times 3 =$	
6	$4 \times 3 =$		28	$7 \times 4 =$	
7	$4 \times 4 =$		29	$6 \times 4 =$	
8	$5 \times 4 =$		30	$4 \times 10 =$	
9	$4 \times 5 =$		31	$4 \times 5 =$	
10	$6 \times 4 =$		32	$4 \times 6 =$	
11	$4 \times 6 =$		33	$4 \times 1 =$	
12	$7 \times 4 =$		34	$4 \times 9 =$	
13	$4 \times 7 =$		35	$4 \times 4 =$	
14	$8 \times 4 =$		36	$4 \times 3 =$	
15	$4 \times 8 =$		37	$4 \times 2 =$	
16	$9 \times 4 =$		38	$4 \times 7 =$	
17	$4 \times 9 =$		39	$4 \times 8 =$	
18	$10 \times 4 =$		40	$11 \times 4 =$	
19	$4 \times 10 =$		41	$4 \times 11 =$	
20	$4 \times 3 =$		42	$12 \times 4 =$	
21	$1 \times 4 =$		43	$4 \times 12 =$	
22	$2 \times 4 =$		44	$13 \times 4 =$	

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B

Improvement _____ # Correct _____

Multiply.

1	$4 \times 1 =$		23	$9 \times 4 =$	
2	$1 \times 4 =$		24	$3 \times 4 =$	
3	$4 \times 2 =$		25	$8 \times 4 =$	
4	$2 \times 4 =$		26	$4 \times 4 =$	
5	$4 \times 3 =$		27	$7 \times 4 =$	
6	$3 \times 4 =$		28	$5 \times 4 =$	
7	$4 \times 4 =$		29	$6 \times 4 =$	
8	$4 \times 5 =$		30	$4 \times 5 =$	
9	$5 \times 4 =$		31	$4 \times 10 =$	
10	$4 \times 6 =$		32	$4 \times 1 =$	
11	$6 \times 4 =$		33	$4 \times 6 =$	
12	$4 \times 7 =$		34	$4 \times 4 =$	
13	$7 \times 4 =$		35	$4 \times 9 =$	
14	$4 \times 8 =$		36	$4 \times 2 =$	
15	$8 \times 4 =$		37	$4 \times 7 =$	
16	$4 \times 9 =$		38	$4 \times 3 =$	
17	$9 \times 4 =$		39	$4 \times 8 =$	
18	$4 \times 10 =$		40	$11 \times 4 =$	
19	$10 \times 4 =$		41	$4 \times 11 =$	
20	$1 \times 4 =$		42	$12 \times 4 =$	
21	$10 \times 4 =$		43	$4 \times 12 =$	
22	$2 \times 4 =$		44	$13 \times 4 =$	

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A

Find the halfway point.

Correct _____

1	0	10	23	6000	7000
2	0	100	24	600	700
3	0	1000	25	60	70
4	10	20	26	260	270
5	100	200	27	9260	9270
6	1000	2000	28	80	90
7	30	40	29	90	100
8	300	400	30	990	1000
9	400	500	31	9990	10,000
10	20	30	32	440	450
11	30	40	33	8300	8400
12	40	50	34	680	690
13	50	60	35	9400	9500
14	500	600	36	3900	4000
15	5000	6000	37	2450	2460
16	200	300	38	7080	7090
17	300	400	39	3200	3210
18	700	800	40	8630	8640
19	5700	5800	41	8190	8200
20	70	80	42	2510	2520
21	670	680	43	4890	4900
22	6700	6800	44	6660	6670

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Lesson 8:

Round multi-digit numbers to any place value using the vertical number line.
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B

Find the halfway point.

Improvement _____

Correct _____

1	10	20	23	7000	8000
2	100	200	24	700	800
3	1000	2000	25	70	80
4	20	30	26	270	280
5	200	300	27	9270	9280
6	2000	3000	28	80	90
7	40	50	29	90	100
8	400	500	30	990	1000
9	500	600	31	9990	10,000
10	30	40	32	450	460
11	40	50	33	8400	8500
12	50	60	34	580	590
13	60	70	35	9500	9600
14	600	700	36	2900	3000
15	6000	7000	37	3450	3460
16	300	400	38	6080	6090
17	400	500	39	4200	4210
18	800	900	40	7630	7640
19	5800	5900	41	7190	7200
20	80	90	42	3510	3520
21	680	690	43	5890	5900
22	6800	6900	44	7770	7780

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Lesson 8:

Round multi-digit numbers to any place value using the vertical number line.
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A

Correct _____

Round to the nearest ten thousand.

1	21,000 ≈		23	185,000 ≈	
2	31,000 ≈		24	85,000 ≈	
3	41,000 ≈		25	95,000 ≈	
4	541,000 =		26	97,000 ≈	
5	49,000 ≈		27	98,000 ≈	
6	59,000 ≈		28	198,000 ≈	
7	69,000 ≈		29	798,000 ≈	
8	369,000 ≈		30	31,200 ≈	
9	62,000 ≈		31	49,300 ≈	
10	712,000 ≈		32	649,300 ≈	
11	28,000 ≈		33	64,520 ≈	
12	37,000 ≈		34	164,520 ≈	
13	137,000 ≈		35	17,742 ≈	
14	44,000 ≈		36	917,742 ≈	
15	56,000 ≈		37	38,396 ≈	
16	456,000 ≈		38	64,501 ≈	
17	15,000 ≈		39	703,280 ≈	
18	25,000 ≈		40	239,500 ≈	
19	35,000 ≈		41	708,170 ≈	
20	235,000 ≈		42	188,631 ≈	
21	75,000 ≈		43	777,499 ≈	
22	175,000 ≈		44	444,919 ≈	

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B Improvement _____ # Correct _____

Round to the nearest ten thousand.

1	11,000 ≈		23	185,000 ≈	
2	21,000 ≈		24	85,000 ≈	
3	31,000 ≈		25	95,000 ≈	
4	531,000 =		26	96,000 ≈	
5	39,000 ≈		27	99,000 ≈	
6	49,000 ≈		28	199,000 ≈	
7	59,000 ≈		29	799,000 ≈	
8	359,000 ≈		30	21,200 ≈	
9	52,000 ≈		31	39,300 ≈	
10	612,000 ≈		32	639,300 ≈	
11	18,000 ≈		33	54,520 ≈	
12	27,000 ≈		34	154,520 ≈	
13	127,000 ≈		35	27,742 ≈	
14	34,000 ≈		36	927,742 ≈	
15	46,000 ≈		37	28,396 ≈	
16	346,000 ≈		38	54,501 ≈	
17	25,000 ≈		39	603,280 ≈	
18	35,000 ≈		40	139,500 ≈	
19	45,000 ≈		41	608,170 ≈	
20	245,000 ≈		42	177,631 ≈	
21	65,000 ≈		43	888,499 ≈	
22	165,000 ≈		44	444,909 ≈	

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A

Correct _____

Write in centimeters.

1	2 m =	cm	23	1 m 2 cm =	cm
2	3 m =	cm	24	1 m 3 cm =	cm
3	4 m =	cm	25	1 m 4 cm =	cm
4	9 m =	cm	26	1 m 7 cm =	cm
5	1 m =	cm	27	2 m 7 cm =	cm
6	7 m =	cm	28	3 m 7 cm =	cm
7	5 m =	cm	29	8 m 7 cm =	cm
8	8 m =	cm	30	8 m 4 cm =	cm
9	6 m =	cm	31	4 m 9 cm =	cm
10	1 m 20 cm =	cm	32	6 m 8 cm =	cm
11	1 m 30 cm =	cm	33	9 m 3 cm =	cm
12	1 m 40 cm =	cm	34	2 m 60 cm =	cm
13	1 m 90 cm =	cm	35	3 m 75 cm =	cm
14	1 m 95 cm =	cm	36	6 m 33 cm =	cm
15	1 m 85 cm =	cm	37	8 m 9 cm =	cm
16	1 m 84 cm =	cm	38	4 m 70 cm =	cm
17	1 m 73 cm =	cm	39	7 m 35 cm =	cm
18	1 m 62 cm =	cm	40	4 m 17 cm =	cm
19	2 m 62 cm =	cm	41	6 m 4 cm =	cm
20	7 m 62 cm =	cm	42	10 m 4 cm =	cm
21	5 m 27 cm =	cm	43	10 m 40 cm =	cm
22	3 m 87 cm =	cm	44	11 m 84 cm =	cm

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B

Improvement _____

Correct _____

Write in centimeters.

1	1 m =	cm	23	1 m 1 cm =	cm
2	2 m =	cm	24	1 m 2 cm =	cm
3	3 m =	cm	25	1 m 3 cm =	cm
4	7 m =	cm	26	1 m 9 cm =	cm
5	5 m =	cm	27	2 m 9 cm =	cm
6	9 m =	cm	28	3 m 9 cm =	cm
7	4 m =	cm	29	7 m 9 cm =	cm
8	8 m =	cm	30	7 m 4 cm =	cm
9	6 m =	cm	31	4 m 8 cm =	cm
10	1 m 10 cm =	cm	32	6 m 3 cm =	cm
11	1 m 20 cm =	cm	33	9 m 5 cm =	cm
12	1 m 30 cm =	cm	34	2 m 50 cm =	cm
13	1 m 70 cm =	cm	35	3 m 85 cm =	cm
14	1 m 75 cm =	cm	36	6 m 31 cm =	cm
15	1 m 65 cm =	cm	37	6 m 7 cm =	cm
16	1 m 64 cm =	cm	38	4 m 60 cm =	cm
17	1 m 53 cm =	cm	39	7 m 25 cm =	cm
18	1 m 42 cm =	cm	40	4 m 13 cm =	cm
19	2 m 42 cm =	cm	41	6 m 2 cm =	cm
20	8 m 42 cm =	cm	42	10 m 3 cm =	cm
21	5 m 29 cm =	cm	43	10 m 30 cm =	cm
22	3 m 89 cm =	cm	44	11 m 48 cm =	cm

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A

Correct _____

Write in kilometers and meters.

1	2,000 m =	km	m	23	3,800 m =	km	m
2	3,000 m =	km	m	24	4,770 m =	km	m
3	4,000 m =	km	m	25	4,807 m =	km	m
4	9,000 m =	km	m	26	5,065 m =	km	m
5	6,000 m =	km	m	27	5,040 m =	km	m
6	1,000 m =	km	m	28	6,007 m =	km	m
7	8,000 m =	km	m	29	2,003 m =	km	m
8	5,000 m =	km	m	30	1,090 m =	km	m
9	7,000 m =	km	m	31	1,055 m =	km	m
10	6,100 m =	km	m	32	9,404 m =	km	m
11	6,110 m =	km	m	33	9,330 m =	km	m
12	6,101 m =	km	m	34	3,400 m =	km	m
13	6,010 m =	km	m	35	4,000 m + 2,000 m =	km	m
14	6,011 m =	km	m	36	5,000 m + 3,000 m =	km	m
15	6,001 m =	km	m	37	4,000 m + 4,000 m =	km	m
16	8,002 m =	km	m	38	8 x 7,000 m =	km	m
17	8,020 m =	km	m	39	49,000 m ÷ 7 =	km	m
18	8,200 m =	km	m	40	16,000 m x 5 =	km	m
19	8,022 m =	km	m	41	63,000 m ÷ 7 =	km	m
20	8,220 m =	km	m	42	17 x 4,000 m =	km	m
21	8,222 m =	km	m	43	13,000 m x 5 =	km	m
22	7,256 m =	km	m	44	84,000 m ÷ 7 =	km	m

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B

Improvement _____

Correct _____

Write in kilometers and meters.

1	1,000 m =	km	m	23	2,700 m =	km	m
2	2,000 m =	km	m	24	3,660 m =	km	m
3	3,000 m =	km	m	25	3,706 m =	km	m
4	8,000 m =	km	m	26	4,095 m =	km	m
5	6,000 m =	km	m	27	4,030 m =	km	m
6	9,000 m =	km	m	28	5,006 m =	km	m
7	4,000 m =	km	m	29	3,004 m =	km	m
8	7,000 m =	km	m	30	2,010 m =	km	m
9	5,000 m =	km	m	31	2,075 m =	km	m
10	5,100 m =	km	m	32	1,504 m =	km	m
11	5,110 m =	km	m	33	1,440 m =	km	m
12	5,101 m =	km	m	34	4,500 m =	km	m
13	5,010 m =	km	m	35	3,000 m + 2,000 m =	km	m
14	5,011 m =	km	m	36	4,000 m + 3,000 m =	km	m
15	5,001 m =	km	m	37	5,000 m + 4,000 m =	km	m
16	7,002 m =	km	m	38	9 x 8,000 m =	km	m
17	7,020 m =	km	m	39	64,000 m ÷ 8 =	km	m
18	7,200 m =	km	m	40	17,000 m x 5 =	km	m
19	7,022 m =	km	m	41	54,000 m ÷ 6 =	km	m
20	7,220 m =	km	m	42	18,000 m x 4 =	km	m
21	7,222 m =	km	m	43	14 x 5,000 m =	km	m
22	4,378 m =	km	m	44	96,000 m ÷ 8 =	km	m

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Table of Contents

GRADE 4 • MODULE 2

Unit Conversions and Problem Solving with Metric Measurement

Module Overview	i
Topic A: Metric Unit Conversions.....	2.A.1
Topic B: Application of Metric Unit Conversions.....	2.B.1
Module Assessments	2.S.1

A

Correct _____

Write in meters and centimeters.

1	3 m + 1 m =	m	cm	23	3 m 10 cm + 1 m 1 cm =	m	cm
2	4 m + 2 m =	m	cm	24	3 m 10 cm + 2 m 2 cm =	m	cm
3	2 m + 3 m =	m	cm	25	3 m 10 cm + 3 m 3 cm =	m	cm
4	5 m + 4 m =	m	cm	26	3 m 20 cm + 3 m 3 cm =	m	cm
5	2 m + 2 m =	m	cm	27	6 m 30 cm + 2 m 20 cm =	m	cm
6	3 m + 3 m =	m	cm	28	8 m 30 cm + 2 m 20 cm =	m	cm
7	4 m + 4 m =	m	cm	29	6 m 50 cm + 2 m 25 cm =	m	cm
8	5 m + 5 m =	m	cm	30	6 m 25 cm + 2 m 25 cm =	m	cm
9	5 m 7 cm + 1 m =	m	cm	31	4 m 70 cm + 1 m 10 cm =	m	cm
10	6 m 7 cm + 1 m =	m	cm	32	4 m 80 cm + 1 m 10 cm =	m	cm
11	7 m 7 cm + 1 m =	m	cm	33	4 m 90 cm + 1 m 10 cm =	m	cm
12	9 m 7 cm + 1 m =	m	cm	34	4 m 90 cm + 1 m 20 cm =	m	cm
13	9 m 7 cm + 1 cm =	m	cm	35	4 m 90 cm + 1 m 60 cm =	m	cm
14	5 m 7 cm + 1 cm =	m	cm	36	5 m 75 cm + 2 m 25 cm =	m	cm
15	3 m 7 cm + 1 cm =	m	cm	37	5 m 75 cm + 2 m 50 cm =	m	cm
16	3 m 7 cm + 3 cm =	m	cm	38	4 m 90 cm + 3 m 50 cm =	m	cm
17	6 m 70 cm + 10 cm =	m	cm	39	5 m 95 cm + 3 m 25 cm =	m	cm
18	6 m 80 cm + 10 cm =	m	cm	40	4 m 85 cm + 3 m 25 cm =	m	cm
19	6 m 90 cm + 10 cm =	m	cm	41	5 m 85 cm + 3 m 45 cm =	m	cm
20	6 m 90 cm + 20 cm =	m	cm	42	4 m 87 cm + 3 m 76 cm =	m	cm
21	6 m 90 cm + 30 cm =	m	cm	43	6 m 36 cm + 4 m 67 cm =	m	cm
22	6 m 90 cm + 60 cm =	m	cm	44	9 m 74 cm + 8 m 48 cm =	m	cm

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A

Correct _____

Write in kilograms and grams.

1	2,000 g =	kg	g	23	3,800 g =	kg	g
2	3,000 g =	kg	g	24	4,770 g =	kg	g
3	4,000 g =	kg	g	25	4,807 g =	kg	g
4	9,000 g =	kg	g	26	5,065 g =	kg	g
5	6,000 g =	kg	g	27	5,040 g =	kg	g
6	1,000 g =	kg	g	28	6,007 g =	kg	g
7	8,000 g =	kg	g	29	2,003 g =	kg	g
8	5,000 g =	kg	g	30	1,090 g =	kg	g
9	7,000 g =	kg	g	31	1,055 g =	kg	g
10	6,100 g =	kg	g	32	9,404 g =	kg	g
11	6,110 g =	kg	g	33	9,330 g =	kg	g
12	6,101 g =	kg	g	34	3,400 g =	kg	g
13	6,010 g =	kg	g	35	4,000 g + 2,000 g =	kg	g
14	6,011 g =	kg	g	36	5,000 g + 3,000 g =	kg	g
15	6,001 g =	kg	g	37	4,000 g + 4,000 g =	kg	g
16	8,002 g =	kg	g	38	8 x 7,000 g =	kg	g
17	8,020 g =	kg	g	39	49,000 g ÷ 7 =	kg	g
18	8,200 g =	kg	g	40	16,000 g x 5 =	kg	g
19	8,022 g =	kg	g	41	63,000 g ÷ 7 =	kg	g
20	8,220 g =	kg	g	42	17 x 4,000 g =	kg	g
21	8,222 g =	kg	g	43	13,000 g x 5 =	kg	g
22	7,256 g =	kg	g	44	84,000 g ÷ 7 =	kg	g

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B

Improvement _____

Correct _____

Write in kilograms and grams.

1	1,000 g =	kg	g	23	2,700 g =	kg	g
2	2,000 g =	kg	g	24	3,660 g =	kg	g
3	3,000 g =	kg	g	25	3,706 g =	kg	g
4	8,000 g =	kg	g	26	4,095 g =	kg	g
5	6,000 g =	kg	g	27	4,030 g =	kg	g
6	9,000 g =	kg	g	28	5,006 g =	kg	g
7	4,000 g =	kg	g	29	3,004 g =	kg	g
8	7,000 g =	kg	g	30	2,010 g =	kg	g
9	5,000 g =	kg	g	31	2,075 g =	kg	g
10	5,100 g =	kg	g	32	1,504 g =	kg	g
11	5,110 g =	kg	g	33	1,440 g =	kg	g
12	5,101 g =	kg	g	34	4,500 g =	kg	g
13	5,010 g =	kg	g	35	3,000 g + 2,000 g =	kg	g
14	5,011 g =	kg	g	36	4,000 g + 3,000 g =	kg	g
15	5,001 g =	kg	g	37	5,000 g + 4,000 g =	kg	g
16	7,002 g =	kg	g	38	9 x 8,000 g =	kg	g
17	7,020 g =	kg	g	39	64,000 g ÷ 8 =	kg	g
18	7,200 g =	kg	g	40	17,000 g x 5 =	kg	g
19	7,022 g =	kg	g	41	54,000 g ÷ 6 =	kg	g
20	7,220 g =	kg	g	42	18,000 g x 4 =	kg	g
21	7,222 g =	kg	g	43	14 x 5,000 g =	kg	g
22	4,378 g =	kg	g	44	96,000 g ÷ 8 =	kg	g

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Table of Contents

GRADE 4 • MODULE 3

Multi-Digit Multiplication and Division

Module Overview	i
Topic A: Multiplicative Comparison Word Problems	3.A.1
Topic B: Multiplication by 10, 100, and 1,000	3.B.1
Topic C: Multiplication of up to Four Digits by Single-Digit Numbers	3.C.1
Topic D: Multiplication Word Problems	3.D.1
Topic E: Division of Tens and Ones with Successive Remainders.....	3.E.1
Topic F: Reasoning with Divisibility	3.F.1
Topic G: Division of Thousands, Hundreds, Tens, and Ones.....	3.G.1
Topic H: Multiplication of Two-Digit by Two-Digit Numbers	3.H.1
Module Assessments	3.S.1

A

Correct _____

Solve.

1	$2 \times 2 =$		23	$3 \times \underline{\quad} = 21$	
2	$2 \times \underline{\quad} = 4$		24	$3 \times 3 =$	
3	$3 \times 3 =$		25	$4 \times \underline{\quad} = 20$	
4	$3 \times \underline{\quad} = 9$		26	$4 \times \underline{\quad} = 32$	
5	$5 \times 5 =$		27	$4 \times 4 =$	
6	$5 \times \underline{\quad} = 25$		28	$5 \times \underline{\quad} = 20$	
7	$1 \times \underline{\quad} = 1$		29	$5 \times \underline{\quad} = 40$	
8	$1 \times 1 =$		30	$5 \times 5 =$	
9	$4 \times \underline{\quad} = 16$		31	$6 \times \underline{\quad} = 18$	
10	$4 \times 4 =$		32	$6 \times \underline{\quad} = 54$	
11	$7 \times \underline{\quad} = 49$		33	$6 \times 6 =$	
12	$7 \times 7 =$		34	$7 \times \underline{\quad} = 28$	
13	$8 \times 8 =$		35	$7 \times \underline{\quad} = 56$	
14	$8 \times \underline{\quad} = 64$		36	$7 \times 7 =$	
15	$10 \times 10 =$		37	$8 \times \underline{\quad} = 24$	
16	$10 \times \underline{\quad} = 100$		38	$8 \times \underline{\quad} = 72$	
17	$9 \times \underline{\quad} = 81$		39	$8 \times 8 =$	
18	$9 \times 9 =$		40	$9 \times \underline{\quad} = 36$	
19	$2 \times \underline{\quad} = 10$		41	$9 \times \underline{\quad} = 63$	
20	$2 \times \underline{\quad} = 18$		42	$9 \times 9 =$	
21	$2 \times 2 =$		43	$9 \times \underline{\quad} = 54$	
22	$3 \times \underline{\quad} = 12$		44	$10 \times 10 =$	

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B

Improvement _____ # Correct _____

Solve.

1	$5 \times 5 =$		23	$3 \times \underline{\quad} = 24$	
2	$5 \times \underline{\quad} = 25$		24	$3 \times 3 =$	
3	$2 \times 2 =$		25	$4 \times \underline{\quad} = 12$	
4	$2 \times \underline{\quad} = 4$		26	$4 \times \underline{\quad} = 28$	
5	$3 \times 3 =$		27	$4 \times 4 =$	
6	$3 \times \underline{\quad} = 9$		28	$5 \times \underline{\quad} = 10$	
7	$1 \times 1 =$		29	$5 \times \underline{\quad} = 35$	
8	$1 \times \underline{\quad} = 1$		30	$5 \times 5 =$	
9	$4 \times \underline{\quad} = 16$		31	$6 \times \underline{\quad} = 24$	
10	$4 \times 4 =$		32	$6 \times \underline{\quad} = 48$	
11	$6 \times \underline{\quad} = 36$		33	$6 \times 6 =$	
12	$6 \times 6 =$		34	$7 \times \underline{\quad} = 21$	
13	$9 \times 9 =$		35	$7 \times \underline{\quad} = 63$	
14	$9 \times \underline{\quad} = 81$		36	$7 \times 7 =$	
15	$10 \times 10 =$		37	$8 \times \underline{\quad} = 32$	
16	$10 \times \underline{\quad} = 100$		38	$8 \times \underline{\quad} = 56$	
17	$7 \times \underline{\quad} = 49$		39	$8 \times 8 =$	
18	$7 \times 7 =$		40	$9 \times \underline{\quad} = 27$	
19	$2 \times \underline{\quad} = 8$		41	$9 \times \underline{\quad} = 72$	
20	$2 \times \underline{\quad} = 16$		42	$9 \times 9 =$	
21	$2 \times 2 =$		43	$9 \times \underline{\quad} = 63$	
22	$3 \times \underline{\quad} = 15$		44	$10 \times 10 =$	

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A

Correct _____

Multiply.

1	$3 \times 2 =$		23	$7 \times 5 =$	
2	$30 \times 2 =$		24	$700 \times 5 =$	
3	$300 \times 2 =$		25	$8 \times 3 =$	
4	$3000 \times 2 =$		26	$80 \times 3 =$	
5	$2 \times 3000 =$		27	$9 \times 4 =$	
6	$2 \times 4 =$		28	$9000 \times 4 =$	
7	$2 \times 40 =$		29	$7 \times 6 =$	
8	$2 \times 400 =$		30	$7 \times 600 =$	
9	$2 \times 4000 =$		31	$8 \times 9 =$	
10	$3 \times 3 =$		32	$8 \times 90 =$	
11	$30 \times 3 =$		33	$6 \times 9 =$	
12	$300 \times 3 =$		34	$6 \times 9000 =$	
13	$3000 \times 3 =$		35	$900 \times 9 =$	
14	$4000 \times 3 =$		36	$8000 \times 8 =$	
15	$400 \times 3 =$		37	$7 \times 70 =$	
16	$40 \times 3 =$		38	$6 \times 600 =$	
17	$5 \times 3 =$		39	$800 \times 7 =$	
18	$500 \times 3 =$		40	$7 \times 9000 =$	
19	$7 \times 2 =$		41	$200 \times 5 =$	
20	$70 \times 2 =$		42	$5 \times 60 =$	
21	$4 \times 4 =$		43	$4000 \times 5 =$	
22	$4000 \times 4 =$		44	$800 \times 5 =$	

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B Improvement _____ # Correct _____

Multiply.

1	$4 \times 2 =$		23	$9 \times 5 =$	
2	$40 \times 2 =$		24	$900 \times 5 =$	
3	$400 \times 2 =$		25	$8 \times 4 =$	
4	$4000 \times 2 =$		26	$80 \times 4 =$	
5	$2 \times 4000 =$		27	$9 \times 3 =$	
6	$3 \times 3 =$		28	$9000 \times 3 =$	
7	$3 \times 30 =$		29	$6 \times 7 =$	
8	$3 \times 300 =$		30	$6 \times 700 =$	
9	$3 \times 3000 =$		31	$8 \times 7 =$	
10	$2 \times 3 =$		32	$8 \times 70 =$	
11	$20 \times 3 =$		33	$9 \times 6 =$	
12	$200 \times 3 =$		34	$9 \times 6000 =$	
13	$2000 \times 3 =$		35	$800 \times 8 =$	
14	$3000 \times 4 =$		36	$9000 \times 9 =$	
15	$300 \times 4 =$		37	$7 \times 700 =$	
16	$30 \times 4 =$		38	$6 \times 60 =$	
17	$3 \times 5 =$		39	$700 \times 8 =$	
18	$30 \times 5 =$		40	$9 \times 7000 =$	
19	$6 \times 2 =$		41	$20 \times 5 =$	
20	$60 \times 2 =$		42	$5 \times 600 =$	
21	$4 \times 4 =$		43	$400 \times 5 =$	
22	$400 \times 4 =$		44	$8000 \times 5 =$	

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A

Correct _____

Multiply.

1	$1 \times 4 =$		23	$21 \times 3 =$	
2	$10 \times 4 =$		24	$121 \times 3 =$	
3	$11 \times 4 =$		25	$42 \times 2 =$	
4	$1 \times 2 =$		26	$142 \times 2 =$	
5	$20 \times 2 =$		27	$242 \times 2 =$	
6	$21 \times 2 =$		28	$342 \times 2 =$	
7	$2 \times 3 =$		29	$442 \times 2 =$	
8	$30 \times 3 =$		30	$3 \times 3 =$	
9	$32 \times 3 =$		31	$13 \times 3 =$	
10	$3 \times 5 =$		32	$213 \times 3 =$	
11	$20 \times 5 =$		33	$1213 \times 3 =$	
12	$23 \times 5 =$		34	$2113 \times 3 =$	
13	$3 \times 3 =$		35	$2131 \times 3 =$	
14	$40 \times 3 =$		36	$2311 \times 3 =$	
15	$43 \times 3 =$		37	$24 \times 4 =$	
16	$4 \times 2 =$		38	$35 \times 5 =$	
17	$70 \times 2 =$		39	$54 \times 3 =$	
18	$74 \times 2 =$		40	$63 \times 6 =$	
19	$2 \times 3 =$		41	$125 \times 4 =$	
20	$60 \times 3 =$		42	$214 \times 3 =$	
21	$62 \times 3 =$		43	$5213 \times 2 =$	
22	$63 \times 3 =$		44	$2135 \times 4 =$	

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B Improvement _____ # Correct _____

Multiply.

1	$1 \times 6 =$		23	$21 \times 4 =$	
2	$10 \times 6 =$		24	$121 \times 4 =$	
3	$11 \times 6 =$		25	$24 \times 2 =$	
4	$1 \times 2 =$		26	$124 \times 2 =$	
5	$30 \times 2 =$		27	$224 \times 2 =$	
6	$31 \times 2 =$		28	$324 \times 2 =$	
7	$3 \times 3 =$		29	$424 \times 2 =$	
8	$20 \times 3 =$		30	$3 \times 2 =$	
9	$23 \times 3 =$		31	$13 \times 2 =$	
10	$5 \times 5 =$		32	$213 \times 2 =$	
11	$20 \times 5 =$		33	$1213 \times 2 =$	
12	$25 \times 5 =$		34	$2113 \times 2 =$	
13	$4 \times 4 =$		35	$2131 \times 2 =$	
14	$30 \times 4 =$		36	$2311 \times 2 =$	
15	$34 \times 4 =$		37	$23 \times 4 =$	
16	$4 \times 2 =$		38	$53 \times 5 =$	
17	$90 \times 2 =$		39	$45 \times 3 =$	
18	$94 \times 2 =$		40	$36 \times 6 =$	
19	$2 \times 3 =$		41	$215 \times 3 =$	
20	$40 \times 3 =$		42	$125 \times 4 =$	
21	$42 \times 3 =$		43	$5312 \times 2 =$	
22	$43 \times 3 =$		44	$1235 \times 4 =$	

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A

Correct _____

Add.

1	$20 \div 2 =$		23	$68 \div 2 =$	
2	$4 \div 2 =$		24	$96 \div 3 =$	
3	$24 \div 2 =$		25	$86 \div 2 =$	
4	$30 \div 3 =$		26	$93 \div 3 =$	
5	$6 \div 3 =$		27	$88 \div 4 =$	
6	$36 \div 3 =$		28	$99 \div 3 =$	
7	$40 \div 4 =$		29	$66 \div 3 =$	
8	$8 \div 4 =$		30	$66 \div 2 =$	
9	$48 \div 4 =$		31	$40 \div 4 =$	
10	$2 \div 2 =$		32	$80 \div 4 =$	
11	$40 \div 2 =$		33	$60 \div 4 =$	
12	$42 \div 2 =$		34	$68 \div 4 =$	
13	$3 \div 3 =$		35	$20 \div 2 =$	
14	$60 \div 3 =$		36	$40 \div 2 =$	
15	$63 \div 3 =$		37	$30 \div 2 =$	
16	$4 \div 4 =$		38	$36 \div 2 =$	
17	$80 \div 4 =$		39	$30 \div 3 =$	
18	$84 \div 4 =$		40	$39 \div 3 =$	
19	$40 \div 5 =$		41	$45 \div 3 =$	
20	$50 \div 5 =$		42	$60 \div 3 =$	
21	$60 \div 5 =$		43	$57 \div 3 =$	
22	$70 \div 5 =$		44	$51 \div 3 =$	

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B

Improvement _____

Correct _____

Add.

1	$30 \div 3 =$		23	$86 \div 2 =$	
2	$9 \div 3 =$		24	$69 \div 3 =$	
3	$39 \div 3 =$		25	$68 \div 2 =$	
4	$20 \div 2 =$		26	$96 \div 3 =$	
5	$6 \div 2 =$		27	$66 \div 3 =$	
6	$26 \div 2 =$		28	$99 \div 3 =$	
7	$80 \div 4 =$		29	$88 \div 4 =$	
8	$4 \div 4 =$		30	$88 \div 2 =$	
9	$84 \div 4 =$		31	$40 \div 4 =$	
10	$2 \div 2 =$		32	$80 \div 4 =$	
11	$60 \div 2 =$		33	$60 \div 4 =$	
12	$62 \div 2 =$		34	$64 \div 4 =$	
13	$3 \div 3 =$		35	$20 \div 2 =$	
14	$90 \div 3 =$		36	$40 \div 2 =$	
15	$93 \div 3 =$		37	$30 \div 2 =$	
16	$8 \div 4 =$		38	$38 \div 2 =$	
17	$40 \div 4 =$		39	$30 \div 3 =$	
18	$48 \div 4 =$		40	$36 \div 3 =$	
19	$50 \div 5 =$		41	$42 \div 3 =$	
20	$60 \div 5 =$		42	$60 \div 3 =$	
21	$70 \div 5 =$		43	$54 \div 3 =$	
22	$80 \div 5 =$		44	$48 \div 3 =$	

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A

Correct _____

1	$8 \div 2$	Q = _____ R = _____	23	$6 \div 2$	Q = _____ R = _____
2	$9 \div 2$	Q = _____ R = _____	24	$7 \div 2$	Q = _____ R = _____
3	$4 \div 4$	Q = _____ R = _____	25	$3 \div 3$	Q = _____ R = _____
4	$5 \div 4$	Q = _____ R = _____	26	$4 \div 3$	Q = _____ R = _____
5	$7 \div 5$	Q = _____ R = _____	27	$6 \div 4$	Q = _____ R = _____
6	$8 \div 5$	Q = _____ R = _____	28	$7 \div 4$	Q = _____ R = _____
7	$5 \div 3$	Q = _____ R = _____	29	$6 \div 6$	Q = _____ R = _____
8	$6 \div 3$	Q = _____ R = _____	30	$7 \div 6$	Q = _____ R = _____
9	$8 \div 4$	Q = _____ R = _____	31	$4 \div 2$	Q = _____ R = _____
10	$9 \div 4$	Q = _____ R = _____	32	$5 \div 2$	Q = _____ R = _____
11	$2 \div 2$	Q = _____ R = _____	33	$9 \div 3$	Q = _____ R = _____
12	$3 \div 2$	Q = _____ R = _____	34	$9 \div 5$	Q = _____ R = _____
13	$7 \div 3$	Q = _____ R = _____	35	$7 \div 7$	Q = _____ R = _____
14	$8 \div 3$	Q = _____ R = _____	36	$9 \div 9$	Q = _____ R = _____
15	$9 \div 3$	Q = _____ R = _____	37	$13 \div 4$	Q = _____ R = _____
16	$8 \div 6$	Q = _____ R = _____	38	$18 \div 5$	Q = _____ R = _____
17	$9 \div 6$	Q = _____ R = _____	39	$21 \div 6$	Q = _____ R = _____
18	$5 \div 5$	Q = _____ R = _____	40	$24 \div 7$	Q = _____ R = _____
19	$6 \div 5$	Q = _____ R = _____	41	$29 \div 8$	Q = _____ R = _____
20	$8 \div 8$	Q = _____ R = _____	42	$43 \div 6$	Q = _____ R = _____
21	$9 \div 8$	Q = _____ R = _____	43	$53 \div 6$	Q = _____ R = _____
22	$9 \div 9$	Q = _____ R = _____	44	$82 \div 9$	Q = _____ R = _____

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B

Improvement _____

Correct _____

1	$9 \div 8$	Q = _____ R = _____	23	$4 \div 2$	Q = _____ R = _____
2	$8 \div 8$	Q = _____ R = _____	24	$5 \div 2$	Q = _____ R = _____
3	$9 \div 6$	Q = _____ R = _____	25	$8 \div 4$	Q = _____ R = _____
4	$8 \div 6$	Q = _____ R = _____	26	$9 \div 4$	Q = _____ R = _____
5	$5 \div 5$	Q = _____ R = _____	27	$9 \div 3$	Q = _____ R = _____
6	$6 \div 5$	Q = _____ R = _____	28	$8 \div 3$	Q = _____ R = _____
7	$7 \div 4$	Q = _____ R = _____	29	$9 \div 5$	Q = _____ R = _____
8	$6 \div 4$	Q = _____ R = _____	30	$6 \div 6$	Q = _____ R = _____
9	$5 \div 3$	Q = _____ R = _____	31	$7 \div 6$	Q = _____ R = _____
10	$6 \div 3$	Q = _____ R = _____	32	$9 \div 9$	Q = _____ R = _____
11	$2 \div 2$	Q = _____ R = _____	33	$7 \div 7$	Q = _____ R = _____
12	$3 \div 2$	Q = _____ R = _____	34	$9 \div 2$	Q = _____ R = _____
13	$3 \div 3$	Q = _____ R = _____	35	$8 \div 2$	Q = _____ R = _____
14	$4 \div 3$	Q = _____ R = _____	36	$37 \div 8$	Q = _____ R = _____
15	$8 \div 7$	Q = _____ R = _____	37	$50 \div 9$	Q = _____ R = _____
16	$9 \div 7$	Q = _____ R = _____	38	$17 \div 6$	Q = _____ R = _____
17	$4 \div 4$	Q = _____ R = _____	39	$48 \div 7$	Q = _____ R = _____
18	$5 \div 4$	Q = _____ R = _____	40	$51 \div 8$	Q = _____ R = _____
19	$6 \div 2$	Q = _____ R = _____	41	$68 \div 9$	Q = _____ R = _____
20	$7 \div 2$	Q = _____ R = _____	42	$53 \div 6$	Q = _____ R = _____
21	$8 \div 5$	Q = _____ R = _____	43	$61 \div 8$	Q = _____ R = _____
22	$7 \div 5$	Q = _____ R = _____	44	$70 \div 9$	Q = _____ R = _____

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A

Correct _____

Circle the prime number.

1	4	3	23	40	41	42
2	6	3	24	42	43	44
3	8	3	25	49	47	45
4	5	10	26	53	50	55
5	5	12	27	54	56	59
6	5	14	28	99	97	95
7	8	7	29	90	92	91
8	9	11	30	95	96	97
9	11	15	31	88	89	90
10	15	17	32	60	61	62
11	19	16	33	63	65	67
12	14	11	34	71	70	69
13	13	12	35	73	75	77
14	18	17	36	49	79	99
15	19	20	37	63	93	83
16	21	23	38	22	2	12
17	25	19	39	17	27	57
18	29	27	40	5	15	25
19	31	30	41	39	49	59
20	33	37	42	1	21	31
21	9	2	43	51	57	2
22	51	2	44	84	95	43

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B Improvement _____ # Correct _____

Circle the prime number.

1	4	5	23	42	41	40
2	6	5	24	44	43	42
3	8	5	25	45	47	49
4	7	10	26	53	55	50
5	7	12	27	56	54	59
6	7	14	28	95	97	99
7	4	3	29	90	91	92
8	11	10	30	99	98	97
9	15	11	31	90	89	88
10	17	15	32	67	65	63
11	19	20	33	62	61	60
12	14	13	34	72	71	70
13	11	12	35	77	75	73
14	16	17	36	27	67	77
15	19	18	37	39	49	59
16	22	23	38	32	2	22
17	21	19	39	19	49	69
18	29	28	40	5	15	55
19	31	33	41	99	49	59
20	35	37	42	1	21	41
21	2	9	43	45	51	2
22	57	2	44	48	85	67

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Lesson 27:

Date:

Represent and solve division problems with up to a three-digit dividend numerically and with number disks requiring decomposing a remainder in the hundreds place.
8/28/13

A

Correct _____

Divide.

1	$6 \div 2 =$		23	$300 \div 5 =$	
2	$60 \div 2 =$		24	$3000 \div 5 =$	
3	$600 \div 2 =$		25	$16 \div 4 =$	
4	$6000 \div 2 =$		26	$160 \div 4 =$	
5	$9 \div 3 =$		27	$18 \div 6 =$	
6	$90 \div 3 =$		28	$1800 \div 6 =$	
7	$900 \div 3 =$		29	$28 \div 7 =$	
8	$9000 \div 3 =$		30	$280 \div 7 =$	
9	$10 \div 5 =$		31	$48 \div 8 =$	
10	$15 \div 5 =$		32	$4800 \div 8 =$	
11	$150 \div 5 =$		33	$6300 \div 9 =$	
12	$1500 \div 5 =$		34	$200 \div 5 =$	
13	$2500 \div 5 =$		35	$560 \div 7 =$	
14	$3500 \div 5 =$		36	$7200 \div 9 =$	
15	$4500 \div 5 =$		37	$480 \div 6 =$	
16	$450 \div 5 =$		38	$5600 \div 8 =$	
17	$8 \div 4 =$		39	$400 \div 5 =$	
18	$12 \div 4 =$		40	$6300 \div 7 =$	
19	$120 \div 4 =$		41	$810 \div 9 =$	
20	$1200 \div 4 =$		42	$640 \div 8 =$	
21	$25 \div 5 =$		43	$5400 \div 6 =$	
22	$30 \div 5 =$		44	$4000 \div 5 =$	

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B

Improvement _____

Correct _____

Add.

1	$4 \div 2 =$		23	$200 \div 5 =$	
2	$40 \div 2 =$		24	$2000 \div 5 =$	
3	$400 \div 2 =$		25	$12 \div 4 =$	
4	$4000 \div 2 =$		26	$120 \div 4 =$	
5	$6 \div 3 =$		27	$21 \div 7 =$	
6	$60 \div 3 =$		28	$2100 \div 7 =$	
7	$600 \div 3 =$		29	$18 \div 6 =$	
8	$6000 \div 3 =$		30	$180 \div 6 =$	
9	$10 \div 5 =$		31	$54 \div 9 =$	
10	$15 \div 5 =$		32	$5400 \div 9 =$	
11	$150 \div 5 =$		33	$5600 \div 8 =$	
12	$250 \div 5 =$		34	$300 \div 5 =$	
13	$350 \div 5 =$		35	$490 \div 7 =$	
14	$3500 \div 5 =$		36	$6300 \div 9 =$	
15	$4500 \div 5 =$		37	$420 \div 6 =$	
16	$450 \div 5 =$		38	$4800 \div 8 =$	
17	$9 \div 3 =$		39	$4000 \div 5 =$	
18	$12 \div 3 =$		40	$560 \div 8 =$	
19	$120 \div 3 =$		41	$6400 \div 8 =$	
20	$1200 \div 3 =$		42	$720 \div 8 =$	
21	$25 \div 5 =$		43	$4800 \div 6 =$	
22	$20 \div 5 =$		44	$400 \div 5 =$	

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Table of Contents

GRADE 4 • MODULE 5

Fraction Equivalence, Ordering, and Operations

Module Overview	i
Topic A: Decomposition and Fraction Equivalence	5.A.1
Topic B: Fraction Equivalence Using Multiplication and Division	5.B.1
Topic C: Fraction Comparison	5.C.1
Topic D: Fraction Addition and Subtraction	5.D.1
Topic E: Extending Fraction Equivalence to Fractions Greater than 1	5.E.1
Topic F: Addition and Subtraction of Fractions by Decomposition	5.F.1
Topic G: Repeated Addition of Fractions as Multiplication	5.G.1
Topic H: Explore a Fraction Pattern	5.H.1
Module Assessments	5.S.1

A

Correct _____

Solve.

1	$\frac{1}{3} + \frac{1}{3} =$		23	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	
2	$2 \times \frac{1}{3} =$		24	$4 \times \frac{1}{3} =$	
3	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		25	$\frac{5}{6} =$	$\times \frac{1}{6}$
4	$3 \times \frac{1}{4} =$		26	$\frac{5}{6} =$	5 x
5	$\frac{1}{5} + \frac{1}{5} =$		27	$\frac{5}{8} =$	5 x
6	$2 \times \frac{1}{5} =$		28	$\frac{5}{8} =$	$\times \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		29	$\frac{7}{8} =$	7 x
8	$3 \times \frac{1}{5} =$		30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		31	$\frac{7}{8} =$	$\times \frac{1}{8}$
10	$4 \times \frac{1}{5} =$		32	$\frac{7}{10} =$	$\times \frac{1}{10}$
11	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$		33	$\frac{6}{6} =$	6 x
12	$3 \times \frac{1}{10} =$		34	1 =	6 x
13	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$		35	$\frac{8}{8} =$	$\times \frac{1}{8}$
14	$3 \times \frac{1}{8} =$		36	1 =	$\times \frac{1}{8}$
15	$\frac{1}{2} + \frac{1}{2} =$		37	$9 \times \frac{1}{10} =$	
16	$2 \times \frac{1}{2} =$		38	$7 \times \frac{1}{5} =$	
17	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		39	1 =	3 x
18	$3 \times \frac{1}{3} =$		40	$7 \times \frac{1}{12} =$	
19	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		41	1 =	$\times \frac{1}{5}$
20	$4 \times \frac{1}{4} =$		42	$\frac{3}{5} =$	$\frac{1}{5} + \frac{1}{5} + -$
21	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$		43	$3 \times \frac{1}{4} =$	$- + \frac{1}{4} + \frac{1}{4}$
22	$3 \times \frac{1}{2} =$		44	1 =	$- + - + -$

B Improvement _____ # Correct _____

Solve.

1	$\frac{1}{5} + \frac{1}{5} =$		23	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	
2	$2 \times \frac{1}{5} =$		24	$3 \times \frac{1}{2} =$	
3	$\frac{1}{3} + \frac{1}{3} =$		25	$\frac{5}{6} =$	$\times \frac{1}{6}$
4	$2 \times \frac{1}{3} =$		26	$\frac{5}{6} =$	5 x
5	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		27	$\frac{5}{8} =$	5 x
6	$3 \times \frac{1}{4} =$		28	$\frac{5}{8} =$	$\times \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		29	$\frac{7}{8} =$	7 x
8	$3 \times \frac{1}{5} =$		30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		31	$\frac{7}{8} =$	$\times \frac{1}{8}$
10	$4 \times \frac{1}{5} =$		32	$\frac{7}{10} =$	$\times \frac{1}{10}$
11	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$		33	$\frac{8}{8} =$	8 x
12	$3 \times \frac{1}{8} =$		34	$1 =$	8 x
13	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$		35	$\frac{6}{6} =$	$\times \frac{1}{6}$
14	$3 \times \frac{1}{10} =$		36	$1 =$	$\times \frac{1}{6}$
15	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		37	$5 \times \frac{1}{12} =$	
16	$3 \times \frac{1}{3} =$		38	$6 \times \frac{1}{5} =$	
17	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		39	$1 =$	4 x
18	$4 \times \frac{1}{4} =$		40	$9 \times \frac{1}{10} =$	
19	$\frac{1}{2} + \frac{1}{2} =$		41	$1 =$	$\times \frac{1}{3}$
20	$2 \times \frac{1}{2} =$		42	$\frac{3}{4} =$	$\frac{1}{4} + \frac{1}{4} + -$
21	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		43	$3 \times \frac{1}{5} =$	$- + \frac{1}{5} + \frac{1}{5}$
22	$4 \times \frac{1}{3} =$		44	$1 =$	$- + - + - + -$

A

Correct _____

Subtract.

1	$2 - 1 =$		23	$\frac{4}{3} - \frac{2}{3} =$	
2	$\frac{2}{2} - \frac{1}{2} =$		24	$1\frac{1}{3} - \frac{2}{3} =$	
3	$1 - \frac{1}{2} =$		25	$1\frac{2}{3} - \frac{1}{3} =$	
4	$3 - 1 =$		26	$7 - 4 =$	
5	$\frac{3}{3} - \frac{1}{3} =$		27	$\frac{7}{5} - \frac{4}{5} =$	
6	$1 - \frac{1}{3} =$		28	$1\frac{2}{5} - \frac{4}{5} =$	
7	$8 - 1 =$		29	$1\frac{4}{5} - \frac{2}{5} =$	
8	$\frac{8}{8} - \frac{1}{8} =$		30	$5 - 3 =$	
9	$1 - \frac{1}{8} =$		31	$\frac{5}{4} - \frac{3}{4} =$	
10	$5 - 1 =$		32	$1\frac{1}{4} - \frac{3}{4} =$	
11	$\frac{5}{5} - \frac{1}{5} =$		33	$1\frac{3}{4} - \frac{1}{4} =$	
12	$1 - \frac{1}{5} =$		34	$1 - \frac{3}{8} =$	
13	$1 - \frac{2}{5} =$		35	$1 - \frac{7}{8} =$	
14	$1 - \frac{4}{5} =$		36	$1\frac{7}{8} - \frac{3}{8} =$	
15	$1 - \frac{3}{5} =$		37	$1\frac{3}{8} - \frac{7}{8} =$	
16	$1 - \frac{1}{4} =$		38	$1 - \frac{1}{6} =$	
17	$1 - \frac{3}{4} =$		39	$1 - \frac{5}{6} =$	
18	$1 - \frac{1}{10} =$		40	$1\frac{5}{6} - \frac{1}{6} =$	
19	$1 - \frac{9}{10} =$		41	$1\frac{1}{6} - \frac{5}{6} =$	
20	$1 - \frac{3}{10} =$		42	$1 - \frac{5}{12} =$	
21	$1 - \frac{7}{10} =$		43	$1\frac{1}{12} - \frac{7}{12} =$	
22	$4 - 2 =$		44	$1\frac{4}{15} - \frac{13}{15} =$	

B

Improvement _____

Correct _____

Subtract.

1	$3 - 1 =$		23	$\frac{5}{4} - \frac{3}{4} =$	
2	$\frac{3}{3} - \frac{1}{3} =$		24	$1\frac{1}{4} - \frac{3}{4} =$	
3	$1 - \frac{1}{3} =$		25	$1\frac{3}{4} - \frac{1}{4} =$	
4	$2 - 1 =$		26	$8 - 4 =$	
5	$\frac{2}{2} - \frac{1}{2} =$		27	$\frac{8}{5} - \frac{4}{5} =$	
6	$1 - \frac{1}{2} =$		28	$1\frac{3}{5} - \frac{4}{5} =$	
7	$6 - 1 =$		29	$1\frac{4}{5} - \frac{3}{5} =$	
8	$\frac{6}{6} - \frac{1}{6} =$		30	$7 - 5 =$	
9	$1 - \frac{1}{6} =$		31	$\frac{7}{6} - \frac{5}{6} =$	
10	$10 - 1 =$		32	$1\frac{1}{6} - \frac{5}{6} =$	
11	$\frac{10}{10} - \frac{1}{10} =$		33	$1\frac{5}{6} - \frac{1}{6} =$	
12	$1 - \frac{1}{10} =$		34	$1 - \frac{5}{8} =$	
13	$1 - \frac{2}{10} =$		35	$1 - \frac{7}{8} =$	
14	$1 - \frac{4}{10} =$		36	$1\frac{7}{8} - \frac{5}{8} =$	
15	$1 - \frac{3}{10} =$		37	$1\frac{5}{8} - \frac{7}{8} =$	
16	$1 - \frac{1}{5} =$		38	$1 - \frac{1}{4} =$	
17	$1 - \frac{4}{5} =$		39	$1 - \frac{3}{4} =$	
18	$1 - \frac{1}{8} =$		40	$1\frac{3}{4} - \frac{1}{4} =$	
19	$1 - \frac{7}{8} =$		41	$1\frac{1}{4} - \frac{3}{4} =$	
20	$1 - \frac{3}{8} =$		42	$1 - \frac{7}{12} =$	
21	$1 - \frac{5}{8} =$		43	$1\frac{1}{12} - \frac{5}{12} =$	
22	$5 - 3 =$		44	$1\frac{7}{15} - \frac{11}{15} =$	

A

Correct _____

1	$1 + 1 =$		23	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	$1\frac{1}{5}$
2	$\frac{1}{5} + \frac{1}{5} =$		24	$3 + 3 + 3 =$	
3	$2 + 1 =$		25	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	eighths
4	$\frac{2}{5} + \frac{1}{5} =$		26	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	$1\frac{1}{8}$
5	$2 + 2 =$		27	$\frac{5}{8} + \frac{5}{8} + \frac{5}{8} =$	$1\frac{1}{8}$
6	$\frac{2}{5} + \frac{2}{5} =$		28	$1 + 1 + 1 =$	
7	$3 + 2 =$		29	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	halves
8	$\frac{3}{5} + \frac{2}{5} =$	fifths	30	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	$1\frac{1}{2}$
9	$\frac{5}{5} =$		31	$4 + 4 + 4 =$	
10	$\frac{3}{5} + \frac{2}{5} =$		32	$\frac{4}{10} + \frac{4}{10} + \frac{4}{10} =$	tenths
11	$3 + 2 =$		33	$\frac{4}{10} + \frac{4}{10} + \frac{4}{10} =$	$1\frac{1}{10}$
12	$\frac{3}{8} + \frac{2}{8} =$		34	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	$1\frac{1}{10}$
13	$3 + 2 + 2 =$		35	$2 + 2 + 2 =$	
14	$\frac{3}{8} + \frac{2}{8} + \frac{2}{8} =$		36	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	sixths
15	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$	eighths	37	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	
16	$\frac{8}{8} =$		38	$\frac{3}{6} + \frac{3}{6} + \frac{3}{6} =$	$1\frac{1}{6}$
17	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$		39	$\frac{5}{12} + \frac{2}{12} + \frac{4}{12} =$	
18	$2 + 1 + 1 =$		40	$\frac{4}{12} + \frac{4}{12} + \frac{4}{12} =$	
19	$\frac{2}{3} + \frac{1}{3} + \frac{1}{3} =$	thirds	41	$\frac{5}{12} + \frac{5}{12} + \frac{7}{12} =$	$1\frac{1}{12}$
20	$\frac{2}{3} + \frac{1}{3} + \frac{1}{3} =$	$1\frac{1}{3}$	42	$\frac{7}{12} + \frac{9}{12} + \frac{7}{12} =$	$1\frac{1}{12}$
21	$2 + 2 + 2 =$		43	$\frac{7}{15} + \frac{8}{15} + \frac{7}{15} =$	$1\frac{1}{15}$
22	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	fifths	44	$\frac{12}{15} + \frac{8}{15} + \frac{9}{15} =$	$1\frac{1}{15}$

B

Improvement _____

Correct _____

1	$1 + 1 =$		23	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	$1\frac{-}{8}$
2	$\frac{1}{6} + \frac{1}{6} =$		24	$1 + 1 + 1 =$	
3	$3 + 1 =$		25	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	halves
4	$\frac{3}{6} + \frac{1}{6} =$		26	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	$1\frac{-}{2}$
5	$3 + 2 =$		27	$2 + 2 + 2 =$	
6	$\frac{3}{6} + \frac{2}{6} =$		28	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	fifths
7	$4 + 2 =$		29	$\frac{2}{5} + \frac{2}{5} + \frac{2}{5} =$	$1\frac{-}{5}$
8	$\frac{4}{6} + \frac{2}{6} =$	sixths	30	$\frac{3}{5} + \frac{3}{5} + \frac{3}{5} =$	$1\frac{-}{5}$
9	$\frac{6}{6} =$		31	$6 + 6 + 6 =$	
10	$\frac{4}{6} + \frac{2}{6} =$		32	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	tenths
11	$5 + 2 =$		33	$\frac{6}{10} + \frac{6}{10} + \frac{6}{10} =$	$1\frac{-}{10}$
12	$\frac{5}{8} + \frac{2}{8} =$		34	$\frac{5}{10} + \frac{5}{10} + \frac{5}{10} =$	$1\frac{-}{10}$
13	$5 + 1 + 1 =$		35	$2 + 2 + 2 =$	
14	$\frac{5}{8} + \frac{1}{8} + \frac{1}{8} =$		36	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	sixths
15	$\frac{5}{8} + \frac{2}{8} + \frac{1}{8} =$	eighths	37	$\frac{2}{6} + \frac{2}{6} + \frac{2}{6} =$	
16	$\frac{8}{8} =$		38	$\frac{3}{6} + \frac{3}{6} + \frac{3}{6} =$	$1\frac{-}{6}$
17	$\frac{3}{8} + \frac{3}{8} + \frac{2}{8} =$		39	$\frac{5}{12} + \frac{3}{12} + \frac{3}{12} =$	
18	$1 + 1 + 2 =$		40	$\frac{5}{12} + \frac{5}{12} + \frac{2}{12} =$	
19	$\frac{1}{3} + \frac{1}{3} + \frac{2}{3} =$	thirds	41	$\frac{6}{12} + \frac{5}{12} + \frac{6}{12} =$	$1\frac{-}{12}$
20	$\frac{1}{3} + \frac{1}{3} + \frac{2}{3} =$	$1\frac{-}{3}$	42	$\frac{8}{12} + \frac{10}{12} + \frac{5}{12} =$	$1\frac{-}{12}$
21	$3 + 3 + 3 =$		43	$\frac{7}{15} + \frac{7}{15} + \frac{8}{15} =$	$1\frac{-}{15}$
22	$\frac{3}{8} + \frac{3}{8} + \frac{3}{8} =$	eighths	44	$\frac{13}{15} + \frac{9}{15} + \frac{7}{15} =$	$1\frac{-}{15}$

A

Correct _____

1	$3 = 2 + \underline{\hspace{1cm}}$		23	$\frac{6}{3} =$	
2	$\frac{3}{2} = \frac{2}{2} + \frac{\hspace{1cm}}{2}$		24	$\frac{\hspace{1cm}}{3} = \frac{6}{3} + \frac{2}{3}$	
3	$\frac{3}{2} = 1 + \frac{\hspace{1cm}}{2}$		25	$\frac{8}{3} = \frac{6}{3} + \frac{\hspace{1cm}}{3}$	
4	$\frac{3}{2} = 1 - \frac{\hspace{1cm}}{2}$		26	$\frac{8}{3} = 2 + \frac{\hspace{1cm}}{3}$	
5	$5 = 4 + \underline{\hspace{1cm}}$		27	$\frac{8}{3} = 2 - \frac{\hspace{1cm}}{3}$	
6	$\frac{5}{4} = \frac{4}{4} + \frac{\hspace{1cm}}{4}$		28	$\frac{\hspace{1cm}}{4} = \frac{8}{4} + \frac{1}{4}$	
7	$\frac{5}{4} = 1 + \frac{\hspace{1cm}}{4}$		29	$\frac{\hspace{1cm}}{4} = 2 + \frac{1}{4}$	
8	$\frac{5}{4} = 1 - \frac{\hspace{1cm}}{4}$		30	$\frac{9}{4} = \underline{\hspace{1cm}} - \frac{1}{4}$	
9	$4 = \underline{\hspace{1cm}} + 1$		31	$\frac{11}{4} = \underline{\hspace{1cm}} - \frac{3}{4}$	
10	$\frac{4}{3} = \frac{\hspace{1cm}}{3} + \frac{1}{3}$		32	$\frac{8}{3} = \frac{\hspace{1cm}}{3} + \frac{2}{3}$	
11	$\frac{4}{3} = 1 + \frac{\hspace{1cm}}{3}$		33	$\frac{8}{3} = \frac{6}{3} + \frac{\hspace{1cm}}{3}$	
12	$\frac{4}{3} = \underline{\hspace{1cm}} - \frac{1}{3}$		34	$\frac{8}{3} = \underline{\hspace{1cm}} + \frac{2}{3}$	
13	$7 = \underline{\hspace{1cm}} + 2$		35	$\frac{8}{3} = \underline{\hspace{1cm}} - \frac{2}{3}$	
14	$\frac{7}{5} = \frac{\hspace{1cm}}{5} + \frac{2}{5}$		36	$\frac{14}{5} = \frac{10}{5} + \frac{\hspace{1cm}}{5}$	
15	$\frac{7}{5} = 1 + \frac{\hspace{1cm}}{5}$		37	$\frac{14}{5} = \underline{\hspace{1cm}} + \frac{4}{5}$	
16	$\frac{7}{5} = 1 - \frac{\hspace{1cm}}{5}$		38	$\frac{14}{5} = 2 - \frac{\hspace{1cm}}{5}$	
17	$\frac{8}{5} = 1 - \frac{\hspace{1cm}}{5}$		39	$\frac{13}{5} = 2 - \frac{\hspace{1cm}}{5}$	
18	$\frac{9}{5} = 1 - \frac{\hspace{1cm}}{5}$		40	$\frac{9}{8} = 1 + \frac{\hspace{1cm}}{8}$	
19	$\frac{6}{5} = 1 - \frac{\hspace{1cm}}{5}$		41	$\frac{15}{8} = 1 + \frac{\hspace{1cm}}{8}$	
20	$\frac{10}{5} =$		42	$\frac{17}{12} = \frac{\hspace{1cm}}{12} + \frac{5}{12}$	
21	$\frac{\hspace{1cm}}{5} = \frac{10}{5} + \frac{1}{5}$		43	$\frac{11}{8} = 1 + \frac{\hspace{1cm}}{8}$	
22	$\frac{\hspace{1cm}}{5} = 2 + \frac{1}{5}$		44	$\frac{17}{12} = 1 + \frac{\hspace{1cm}}{12}$	

B		Improvement _____		# Correct _____	
1	$6 = 5 + \underline{\hspace{1cm}}$		23	$\frac{4}{2} =$	
2	$\frac{6}{5} = \frac{5}{5} + \frac{\hspace{0.5cm}}{5}$		24	$\frac{\hspace{0.5cm}}{2} = \frac{4}{2} + \frac{1}{2}$	
3	$\frac{6}{5} = 1 + \frac{\hspace{0.5cm}}{5}$		25	$\frac{5}{2} = \frac{4}{2} + \frac{\hspace{0.5cm}}{2}$	
4	$\frac{6}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		26	$\frac{5}{2} = 2 + \frac{\hspace{0.5cm}}{2}$	
5	$4 = 3 + \underline{\hspace{1cm}}$		27	$\frac{5}{2} = 2 - \frac{\hspace{0.5cm}}{2}$	
6	$\frac{4}{3} = \frac{3}{3} + \frac{\hspace{0.5cm}}{3}$		28	$\frac{\hspace{0.5cm}}{5} = \frac{10}{5} + \frac{1}{5}$	
7	$\frac{4}{3} = 1 + \frac{\hspace{0.5cm}}{3}$		29	$\frac{\hspace{0.5cm}}{5} = 2 + \frac{1}{5}$	
8	$\frac{4}{3} = 1 - \frac{\hspace{0.5cm}}{3}$		30	$\frac{11}{5} = \underline{\hspace{0.5cm}} - \frac{1}{5}$	
9	$5 = \underline{\hspace{1cm}} + 1$		31	$\frac{13}{5} = \underline{\hspace{0.5cm}} - \frac{3}{5}$	
10	$\frac{5}{4} = -\frac{\hspace{0.5cm}}{4} + \frac{1}{4}$		32	$\frac{5}{3} = -\frac{\hspace{0.5cm}}{3} + \frac{1}{3}$	
11	$\frac{5}{4} = 1 + \frac{\hspace{0.5cm}}{4}$		33	$\frac{5}{2} = \frac{4}{2} + \frac{\hspace{0.5cm}}{2}$	
12	$\frac{5}{4} = -\frac{\hspace{0.5cm}}{4}$		34	$\frac{5}{2} = \underline{\hspace{0.5cm}} + \frac{1}{2}$	
13	$8 = \underline{\hspace{1cm}} + 3$		35	$\frac{5}{2} = \underline{\hspace{0.5cm}} - \frac{1}{2}$	
14	$\frac{8}{5} = -\frac{\hspace{0.5cm}}{5} + \frac{3}{5}$		36	$\frac{12}{5} = \frac{10}{5} + \frac{\hspace{0.5cm}}{5}$	
15	$\frac{8}{5} = 1 + \frac{\hspace{0.5cm}}{5}$		37	$\frac{12}{5} = \underline{\hspace{0.5cm}} + \frac{2}{5}$	
16	$\frac{8}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		38	$\frac{12}{5} = 2 - \frac{\hspace{0.5cm}}{5}$	
17	$\frac{9}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		39	$\frac{14}{5} = 2 - \frac{\hspace{0.5cm}}{5}$	
18	$\frac{6}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		40	$\frac{9}{8} = 1 + \frac{\hspace{0.5cm}}{8}$	
19	$\frac{7}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		41	$\frac{11}{8} = 1 + \frac{\hspace{0.5cm}}{8}$	
20	$\frac{6}{3} =$		42	$\frac{19}{12} = \underline{\hspace{0.5cm}} + \frac{7}{12}$	
21	$\frac{\hspace{0.5cm}}{3} = \frac{6}{3} + \frac{1}{3}$		43	$\frac{15}{8} = 1 + \frac{\hspace{0.5cm}}{8}$	
22	$\frac{\hspace{0.5cm}}{3} = 2 + \frac{1}{3}$		44	$\frac{19}{12} = 1 + \frac{\hspace{0.5cm}}{12}$	

A

Correct _____

1	$3 + 1 =$		23	$1\frac{3}{8} = \frac{\quad}{8}$	
2	$\frac{3}{3} + \frac{1}{3} = \frac{\quad}{3}$		24	$2 + \frac{1}{3} = 2\frac{\quad}{3}$	
3	$1 + \frac{1}{3} = \frac{\quad}{3}$		25	$\frac{6}{3} + \frac{1}{3} = \frac{\quad}{3}$	
4	$1\frac{1}{3} = \frac{\quad}{3}$		26	$2 + \frac{1}{3} = \frac{\quad}{3}$	
5	$5 + 1 =$		27	$2\frac{1}{3} = \frac{\quad}{3}$	
6	$\frac{5}{5} + \frac{1}{5} = \frac{\quad}{5}$		28	$2 + \frac{1}{5} = 2\frac{\quad}{5}$	
7	$1 + \frac{1}{5} = \frac{\quad}{5}$		29	$\frac{10}{5} + \frac{1}{5} = \frac{\quad}{5}$	
8	$1\frac{1}{5} = \frac{\quad}{5}$		30	$2 + \frac{1}{5} = \frac{\quad}{5}$	
9	$2 + 1 =$		31	$2\frac{1}{5} = \frac{\quad}{5}$	
10	$\frac{2}{2} + \frac{1}{2} = \frac{\quad}{2}$		32	$\frac{8}{4} + \frac{3}{4} = \frac{\quad}{4}$	
11	$1 + \frac{1}{2} = \frac{\quad}{2}$		33	$2 + \frac{3}{4} = \frac{\quad}{4}$	
12	$1\frac{1}{2} = \frac{\quad}{2}$		34	$2\frac{3}{4} = \frac{\quad}{4}$	
13	$\frac{4}{4} + \frac{1}{4} = \frac{\quad}{4}$		35	$\frac{12}{3} + \frac{2}{3} = \frac{\quad}{3}$	
14	$1 + \frac{1}{4} = \frac{\quad}{4}$		36	$4 + \frac{2}{3} = \frac{\quad}{3}$	
15	$1\frac{1}{4} = \frac{\quad}{4}$		37	$4\frac{2}{3} = \frac{\quad}{3}$	
16	$1\frac{3}{4} = \frac{\quad}{4}$		38	$3 + \frac{3}{5} = \frac{\quad}{5}$	
17	$\frac{5}{5} + \frac{1}{5} = \frac{\quad}{5}$		39	$3 + \frac{1}{2} = \frac{\quad}{2}$	
18	$1 + \frac{1}{5} = \frac{\quad}{5}$		40	$4 + \frac{3}{4} = \frac{\quad}{4}$	
19	$1\frac{1}{5} = \frac{\quad}{5}$		41	$2 + \frac{1}{6} = \frac{\quad}{6}$	
20	$1\frac{3}{5} = \frac{\quad}{5}$		42	$2 + \frac{5}{8} = \frac{\quad}{8}$	
21	$\frac{8}{8} + \frac{3}{8} = \frac{\quad}{8}$		43	$2\frac{4}{5} = \frac{\quad}{5}$	
22	$1 + \frac{3}{8} = \frac{\quad}{8}$		44	$3\frac{7}{8} = \frac{\quad}{8}$	

B

Improvement _____ # Correct _____

1	$4 + 1 =$		23	$1\frac{5}{8} = \frac{\quad}{8}$	
2	$\frac{4}{4} + \frac{1}{4} = \frac{\quad}{4}$		24	$2 + \frac{1}{2} = 2\frac{\quad}{2}$	
3	$1 + \frac{1}{4} = \frac{\quad}{4}$		25	$\frac{4}{2} + \frac{1}{2} = \frac{\quad}{2}$	
4	$1\frac{1}{4} = \frac{\quad}{4}$		26	$2 + \frac{1}{2} = \frac{\quad}{2}$	
5	$2 + 1 =$		27	$2\frac{1}{2} = \frac{\quad}{2}$	
6	$\frac{2}{2} + \frac{1}{2} = \frac{\quad}{2}$		28	$2 + \frac{1}{4} = 2\frac{\quad}{4}$	
7	$1 + \frac{1}{2} = \frac{\quad}{2}$		29	$\frac{8}{4} + \frac{1}{4} = \frac{\quad}{4}$	
8	$1\frac{1}{2} = \frac{\quad}{2}$		30	$2 + \frac{1}{4} = \frac{\quad}{4}$	
9	$5 + 1 =$		31	$2\frac{1}{4} = \frac{\quad}{4}$	
10	$\frac{5}{5} + \frac{1}{5} = \frac{\quad}{5}$		32	$\frac{6}{3} + \frac{2}{3} = \frac{\quad}{3}$	
11	$1 + \frac{1}{5} = \frac{\quad}{5}$		33	$2 + \frac{2}{3} = \frac{\quad}{3}$	
12	$1\frac{1}{5} = \frac{\quad}{5}$		34	$2\frac{2}{3} = \frac{\quad}{3}$	
13	$\frac{3}{3} + \frac{1}{3} = \frac{\quad}{3}$		35	$\frac{12}{4} + \frac{3}{4} = \frac{\quad}{4}$	
14	$1 + \frac{1}{3} = \frac{\quad}{3}$		36	$3 + \frac{3}{4} = \frac{\quad}{4}$	
15	$1\frac{1}{3} = \frac{\quad}{3}$		37	$4\frac{3}{4} = \frac{\quad}{4}$	
16	$1\frac{2}{3} = \frac{\quad}{3}$		38	$3 + \frac{4}{5} = \frac{\quad}{5}$	
17	$\frac{10}{10} + \frac{1}{10} = \frac{\quad}{10}$		39	$4 + \frac{1}{2} = \frac{\quad}{2}$	
18	$1 + \frac{1}{10} = \frac{\quad}{10}$		40	$4 + \frac{2}{3} = \frac{\quad}{3}$	
19	$1\frac{1}{10} = \frac{\quad}{10}$		41	$3 + \frac{1}{6} = \frac{\quad}{6}$	
20	$1\frac{7}{10} = \frac{\quad}{10}$		42	$2 + \frac{7}{8} = \frac{\quad}{8}$	
21	$\frac{8}{8} + \frac{5}{8} = \frac{\quad}{8}$		43	$2\frac{3}{5} = \frac{\quad}{5}$	
22	$1 + \frac{5}{8} = \frac{\quad}{8}$		44	$2\frac{7}{8} = \frac{\quad}{8}$	

A

Correct _____

1	$2 + 1 =$		23	$1\frac{5}{6} = \frac{\quad}{6}$	
2	$\frac{2}{2} + \frac{1}{2} = \frac{\quad}{2}$		24	$2 + \frac{1}{2} = 2\frac{\quad}{2}$	
3	$1 + \frac{1}{2} = \frac{\quad}{2}$		25	$\frac{4}{2} + \frac{1}{2} = \frac{\quad}{2}$	
4	$1\frac{1}{2} = \frac{\quad}{2}$		26	$2 + \frac{1}{2} = \frac{\quad}{2}$	
5	$4 + 1 =$		27	$2\frac{1}{2} = \frac{\quad}{2}$	
6	$\frac{4}{4} + \frac{1}{4} = \frac{\quad}{4}$		28	$2 + \frac{1}{4} = 2\frac{\quad}{4}$	
7	$1 + \frac{1}{4} = \frac{\quad}{4}$		29	$\frac{8}{4} + \frac{1}{4} = \frac{\quad}{4}$	
8	$1\frac{1}{4} = \frac{\quad}{4}$		30	$2 + \frac{1}{4} = \frac{\quad}{4}$	
9	$3 + 1 =$		31	$2\frac{1}{4} = \frac{\quad}{4}$	
10	$\frac{3}{3} + \frac{1}{3} = \frac{\quad}{3}$		32	$\frac{9}{3} + \frac{2}{3} = \frac{\quad}{3}$	
11	$1 + \frac{1}{3} = \frac{\quad}{3}$		33	$3 + \frac{2}{3} = \frac{\quad}{3}$	
12	$1\frac{1}{3} = \frac{\quad}{3}$		34	$3\frac{2}{3} = \frac{\quad}{3}$	
13	$\frac{5}{5} + \frac{1}{5} = \frac{\quad}{5}$		35	$\frac{16}{4} + \frac{3}{4} = \frac{\quad}{4}$	
14	$1 + \frac{1}{5} = \frac{\quad}{5}$		36	$4 + \frac{3}{4} = \frac{\quad}{4}$	
15	$1\frac{1}{5} = \frac{\quad}{5}$		37	$4\frac{3}{4} = \frac{\quad}{4}$	
16	$1\frac{2}{5} = \frac{\quad}{5}$		38	$3 + \frac{2}{5} = \frac{\quad}{5}$	
17	$1\frac{4}{5} = \frac{\quad}{5}$		39	$4 + \frac{1}{2} = \frac{\quad}{2}$	
18	$1\frac{3}{5} = \frac{\quad}{5}$		40	$3 + \frac{3}{4} = \frac{\quad}{4}$	
19	$\frac{4}{4} + \frac{3}{4} = \frac{\quad}{4}$		41	$3 + \frac{1}{6} = \frac{\quad}{6}$	
20	$1 + \frac{3}{4} = \frac{\quad}{4}$		42	$3 + \frac{5}{8} = \frac{\quad}{8}$	
21	$\frac{6}{6} + \frac{5}{6} = \frac{\quad}{6}$		43	$3\frac{4}{5} = \frac{\quad}{5}$	
22	$1 + \frac{5}{6} = \frac{\quad}{6}$		44	$4\frac{7}{8} = \frac{\quad}{8}$	

B Improvement _____ # Correct _____

1	$5 + 1 =$		23	$1\frac{7}{8} = \frac{\quad}{8}$	
2	$\frac{5}{5} + \frac{1}{5} = \frac{\quad}{5}$		24	$2 + \frac{1}{2} = 2\frac{\quad}{2}$	
3	$1 + \frac{1}{5} = \frac{\quad}{5}$		25	$\frac{4}{2} + \frac{1}{2} = \frac{\quad}{2}$	
4	$1\frac{1}{5} = \frac{\quad}{5}$		26	$2 + \frac{1}{2} = \frac{\quad}{2}$	
5	$3 + 1 =$		27	$2\frac{1}{2} = \frac{\quad}{2}$	
6	$\frac{3}{3} + \frac{1}{3} = \frac{\quad}{3}$		28	$2 + \frac{1}{3} = 2\frac{\quad}{3}$	
7	$1 + \frac{1}{3} = \frac{\quad}{3}$		29	$\frac{6}{3} + \frac{1}{3} = \frac{\quad}{3}$	
8	$1\frac{1}{3} = \frac{\quad}{3}$		30	$2 + \frac{1}{3} = \frac{\quad}{3}$	
9	$4 + 1 =$		31	$2\frac{1}{3} = \frac{\quad}{3}$	
10	$\frac{4}{4} + \frac{1}{4} = \frac{\quad}{4}$		32	$\frac{12}{4} + \frac{3}{4} = \frac{\quad}{4}$	
11	$1 + \frac{1}{4} = \frac{\quad}{4}$		33	$3 + \frac{3}{4} = \frac{\quad}{4}$	
12	$1\frac{1}{4} = \frac{\quad}{4}$		34	$3\frac{3}{4} = \frac{\quad}{4}$	
13	$\frac{10}{10} + \frac{1}{10} = \frac{\quad}{10}$		35	$\frac{12}{3} + \frac{2}{3} = \frac{\quad}{3}$	
14	$1 + \frac{1}{10} = \frac{\quad}{10}$		36	$4 + \frac{2}{3} = \frac{\quad}{3}$	
15	$1\frac{1}{10} = \frac{\quad}{10}$		37	$4\frac{2}{3} = \frac{\quad}{3}$	
16	$1\frac{2}{10} = \frac{\quad}{10}$		38	$3 + \frac{3}{5} = \frac{\quad}{5}$	
17	$1\frac{4}{10} = \frac{\quad}{10}$		39	$5 + \frac{1}{2} = \frac{\quad}{2}$	
18	$1\frac{3}{10} = \frac{\quad}{10}$		40	$3 + \frac{2}{3} = \frac{\quad}{3}$	
19	$\frac{3}{3} + \frac{2}{3} = \frac{\quad}{3}$		41	$3 + \frac{1}{8} = \frac{\quad}{8}$	
20	$1 + \frac{2}{3} = \frac{\quad}{3}$		42	$3 + \frac{1}{6} = \frac{\quad}{6}$	
21	$\frac{8}{8} + \frac{7}{8} = \frac{\quad}{8}$		43	$3\frac{2}{5} = \frac{\quad}{5}$	
22	$1 + \frac{7}{8} = \frac{\quad}{8}$		44	$4\frac{5}{6} = \frac{\quad}{6}$	

A

Correct _____

1	$4 = 3 + \underline{\hspace{1cm}}$		23	$\frac{8}{4} =$	
2	$\frac{4}{3} = \frac{3}{3} + \frac{\hspace{0.5cm}}{3}$		24	$\frac{\hspace{0.5cm}}{4} = \frac{8}{4} + \frac{3}{4}$	
3	$\frac{4}{3} = 1 + \frac{\hspace{0.5cm}}{3}$		25	$\frac{11}{4} = \frac{8}{4} + \frac{\hspace{0.5cm}}{4}$	
4	$\frac{4}{3} = 1 - \frac{\hspace{0.5cm}}{3}$		26	$\frac{11}{4} = 2 + \frac{\hspace{0.5cm}}{4}$	
5	$6 = 5 + \underline{\hspace{1cm}}$		27	$\frac{11}{4} = 2 - \frac{\hspace{0.5cm}}{4}$	
6	$\frac{6}{5} = \frac{5}{5} + \frac{\hspace{0.5cm}}{5}$		28	$\frac{\hspace{0.5cm}}{3} = \frac{6}{3} + \frac{1}{3}$	
7	$\frac{6}{5} = 1 + \frac{\hspace{0.5cm}}{5}$		29	$\frac{\hspace{0.5cm}}{3} = 2 + \frac{1}{3}$	
8	$\frac{6}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		30	$\frac{7}{3} = -\frac{1}{3}$	
9	$5 = \underline{\hspace{1cm}} + 1$		31	$\frac{8}{3} = -\frac{2}{3}$	
10	$\frac{5}{4} = -\frac{\hspace{0.5cm}}{4} + \frac{1}{4}$		32	$\frac{17}{5} = -\frac{\hspace{0.5cm}}{5} + \frac{2}{5}$	
11	$\frac{5}{4} = 1 + \frac{\hspace{0.5cm}}{4}$		33	$\frac{17}{5} = \frac{15}{5} + \frac{\hspace{0.5cm}}{5}$	
12	$\frac{5}{4} = -\frac{1}{4}$		34	$\frac{17}{5} = \underline{\hspace{1cm}} + \frac{2}{5}$	
13	$8 = \underline{\hspace{1cm}} + 3$		35	$\frac{17}{5} = \underline{\hspace{1cm}} - \frac{2}{5}$	
14	$\frac{8}{5} = -\frac{\hspace{0.5cm}}{5} + \frac{3}{5}$		36	$\frac{13}{6} = \frac{12}{6} + \frac{\hspace{0.5cm}}{6}$	
15	$\frac{8}{5} = 1 + \frac{\hspace{0.5cm}}{5}$		37	$\frac{13}{6} = \underline{\hspace{1cm}} + \frac{1}{6}$	
16	$\frac{8}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		38	$\frac{13}{6} = 2 - \frac{\hspace{0.5cm}}{6}$	
17	$\frac{7}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		39	$\frac{17}{6} = 2 - \frac{\hspace{0.5cm}}{6}$	
18	$\frac{6}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		40	$\frac{9}{8} = 1 + \frac{\hspace{0.5cm}}{8}$	
19	$\frac{9}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		41	$\frac{13}{8} = 1 + \frac{\hspace{0.5cm}}{8}$	
20	$\frac{10}{5} =$		42	$\frac{19}{10} = 1 + \frac{\hspace{0.5cm}}{10}$	
21	$\frac{\hspace{0.5cm}}{5} = \frac{10}{5} + \frac{4}{5}$		43	$\frac{19}{12} = \frac{\hspace{0.5cm}}{12} + \frac{7}{12}$	
22	$\frac{\hspace{0.5cm}}{5} = 2 + \frac{4}{5}$		44	$\frac{11}{6} = 1 + \frac{\hspace{0.5cm}}{6}$	

B

Improvement _____

Correct _____

1	$5 = 4 + \underline{\hspace{1cm}}$		23	$\frac{6}{3} =$	
2	$\frac{5}{4} = \frac{4}{4} + \frac{\hspace{0.5cm}}{4}$		24	$\frac{\hspace{0.5cm}}{3} = \frac{6}{3} + \frac{2}{3}$	
3	$\frac{5}{4} = 1 + \frac{\hspace{0.5cm}}{4}$		25	$\frac{8}{3} = \frac{6}{3} + \frac{\hspace{0.5cm}}{3}$	
4	$\frac{5}{4} = 1 - \frac{\hspace{0.5cm}}{4}$		26	$\frac{8}{3} = 2 + \frac{\hspace{0.5cm}}{3}$	
5	$3 = 2 + \underline{\hspace{1cm}}$		27	$\frac{8}{3} = 2 - \frac{\hspace{0.5cm}}{3}$	
6	$\frac{3}{2} = \frac{2}{2} + \frac{\hspace{0.5cm}}{2}$		28	$\frac{\hspace{0.5cm}}{10} = \frac{20}{10} + \frac{1}{10}$	
7	$\frac{3}{2} = 1 + \frac{\hspace{0.5cm}}{2}$		29	$\frac{\hspace{0.5cm}}{10} = 2 + \frac{1}{10}$	
8	$\frac{3}{2} = 1 - \frac{\hspace{0.5cm}}{2}$		30	$\frac{21}{10} = \underline{\hspace{0.5cm}} - \frac{1}{10}$	
9	$9 = \underline{\hspace{1cm}} + 1$		31	$\frac{27}{10} = \underline{\hspace{0.5cm}} - \frac{7}{10}$	
10	$\frac{9}{8} = \underline{\hspace{0.5cm}} + \frac{1}{8}$		32	$\frac{13}{6} = \underline{\hspace{0.5cm}} + \frac{1}{6}$	
11	$\frac{9}{8} = 1 + \frac{\hspace{0.5cm}}{8}$		33	$\frac{13}{6} = \frac{12}{6} + \frac{\hspace{0.5cm}}{6}$	
12	$\frac{9}{8} = \underline{\hspace{0.5cm}} - \frac{1}{8}$		34	$\frac{13}{6} = \underline{\hspace{0.5cm}} + \frac{1}{6}$	
13	$9 = \underline{\hspace{1cm}} + 4$		35	$\frac{13}{6} = \underline{\hspace{0.5cm}} - \frac{1}{6}$	
14	$\frac{9}{5} = \underline{\hspace{0.5cm}} + \frac{4}{5}$		36	$\frac{17}{8} = \frac{16}{8} + \frac{\hspace{0.5cm}}{8}$	
15	$\frac{9}{5} = 1 + \frac{\hspace{0.5cm}}{5}$		37	$\frac{17}{8} = \underline{\hspace{0.5cm}} + \frac{1}{8}$	
16	$\frac{9}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		38	$\frac{17}{8} = 2 - \frac{\hspace{0.5cm}}{8}$	
17	$\frac{8}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		39	$\frac{21}{8} = 2 - \frac{\hspace{0.5cm}}{8}$	
18	$\frac{7}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		40	$\frac{7}{6} = 1 + \frac{\hspace{0.5cm}}{6}$	
19	$\frac{6}{5} = 1 - \frac{\hspace{0.5cm}}{5}$		41	$\frac{11}{6} = 1 + \frac{\hspace{0.5cm}}{6}$	
20	$\frac{8}{4} =$		42	$\frac{13}{5} = 2 + \frac{\hspace{0.5cm}}{10}$	
21	$\underline{\hspace{0.5cm}} = \frac{8}{4} + \frac{1}{4}$		43	$\frac{17}{12} = \frac{\hspace{0.5cm}}{12} + \frac{5}{12}$	
22	$\underline{\hspace{0.5cm}} = 2 + \frac{1}{4}$		44	$\frac{13}{8} = 1 + \frac{\hspace{0.5cm}}{8}$	

A

Correct _____

Solve.

1	$\frac{1}{3} + \frac{1}{3} =$		23	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$	
2	$2 \times \frac{1}{3} =$		24	$4 \times \frac{1}{3} =$	
3	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		25	$\frac{5}{6} =$	$\times \frac{1}{6}$
4	$3 \times \frac{1}{4} =$		26	$\frac{5}{6} =$	5 x
5	$\frac{1}{5} + \frac{1}{5} =$		27	$\frac{5}{8} =$	5 x
6	$2 \times \frac{1}{5} =$		28	$\frac{5}{8} =$	$\times \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		29	$\frac{7}{8} =$	7 x
8	$3 \times \frac{1}{5} =$		30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		31	$\frac{7}{8} =$	$\times \frac{1}{8}$
10	$4 \times \frac{1}{5} =$		32	$\frac{7}{10} =$	$\times \frac{1}{10}$
11	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$		33	$\frac{6}{6} =$	6 x
12	$3 \times \frac{1}{10} =$		34	1 =	6 x
13	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$		35	$\frac{8}{8} =$	$\times \frac{1}{8}$
14	$3 \times \frac{1}{8} =$		36	1 =	$\times \frac{1}{8}$
15	$\frac{1}{2} + \frac{1}{2} =$		37	$9 \times \frac{1}{10} =$	
16	$2 \times \frac{1}{2} =$		38	$7 \times \frac{1}{5} =$	
17	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		39	1 =	3 x
18	$3 \times \frac{1}{3} =$		40	$7 \times \frac{1}{12} =$	
19	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		41	1 =	$\times \frac{1}{5}$
20	$4 \times \frac{1}{4} =$		42	$\frac{3}{5} =$	$\frac{1}{5} + \frac{1}{5} + -$
21	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$		43	$3 \times \frac{1}{4} =$	$- + \frac{1}{4} + \frac{1}{4}$
22	$3 \times \frac{1}{2} =$		44	1 =	$- + - + -$

B

Improvement _____ # Correct _____

Solve.

1	$\frac{1}{5} + \frac{1}{5} =$		23	$\frac{1}{2} + \frac{1}{2} + \frac{1}{2} =$	
2	$2 \times \frac{1}{5} =$		24	$3 \times \frac{1}{2} =$	
3	$\frac{1}{3} + \frac{1}{3} =$		25	$\frac{5}{6} =$	$\times \frac{1}{6}$
4	$2 \times \frac{1}{3} =$		26	$\frac{5}{6} =$	5 x
5	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		27	$\frac{5}{8} =$	5 x
6	$3 \times \frac{1}{4} =$		28	$\frac{5}{8} =$	$\times \frac{1}{8}$
7	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		29	$\frac{7}{8} =$	7 x
8	$3 \times \frac{1}{5} =$		30	$\frac{7}{10} =$	7 x
9	$\frac{1}{5} + \frac{1}{5} + \frac{1}{5} + \frac{1}{5} =$		31	$\frac{7}{8} =$	$\times \frac{1}{8}$
10	$4 \times \frac{1}{5} =$		32	$\frac{7}{10} =$	$\times \frac{1}{10}$
11	$\frac{1}{8} + \frac{1}{8} + \frac{1}{8} =$		33	$\frac{8}{8} =$	8 x
12	$3 \times \frac{1}{8} =$		34	1 =	8 x
13	$\frac{1}{10} + \frac{1}{10} + \frac{1}{10} =$		35	$\frac{6}{6} =$	$\times \frac{1}{6}$
14	$3 \times \frac{1}{10} =$		36	1 =	$\times \frac{1}{6}$
15	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		37	$5 \times \frac{1}{12} =$	
16	$3 \times \frac{1}{3} =$		38	$6 \times \frac{1}{5} =$	
17	$\frac{1}{4} + \frac{1}{4} + \frac{1}{4} + \frac{1}{4} =$		39	1 =	4 x
18	$4 \times \frac{1}{4} =$		40	$9 \times \frac{1}{10} =$	
19	$\frac{1}{2} + \frac{1}{2} =$		41	1 =	$\times \frac{1}{3}$
20	$2 \times \frac{1}{2} =$		42	$\frac{3}{4} =$	$\frac{1}{4} + \frac{1}{4} + -$
21	$\frac{1}{3} + \frac{1}{3} + \frac{1}{3} + \frac{1}{3} =$		43	$3 \times \frac{1}{5} =$	$- + \frac{1}{5} + \frac{1}{5}$
22	$4 \times \frac{1}{3} =$		44	1 =	$- + - + - + -$



Table of Contents

GRADE 4 • MODULE 6

Decimal Fractions

Module Overview i

Topic A: Exploration of Tenths6.A.1

Topic B: Tenths and Hundredths6.B.1

Topic C: Decimal Comparison.....6.C.1

Topic D: Addition with Tenths and Hundredths6.D.1

Topic E: Money Amounts as Decimal Numbers..... 6.E.1

Module Assessments 6.S.1

A

Correct _____

Divide.

1	$20 \div 10 =$		23	$50 \div 10 =$	
2	$30 \div 10 =$		24	$850 \div 10 =$	
3	$40 \div 10 =$		25	$1850 \div 10 =$	
4	$80 \div 10 =$		26	$70 \div 10 =$	
5	$50 \div 10 =$		27	$270 \div 10 =$	
6	$90 \div 10 =$		28	$4270 \div 10 =$	
7	$70 \div 10 =$		29	$90 \div 10 =$	
8	$60 \div 10 =$		30	$590 \div 10 =$	
9	$10 \div 10 =$		31	$7590 \div 10 =$	
10	$100 \div 10 =$		32	$120 \div 10 =$	
11	$20 \div 10 =$		33	$1200 \div 10 =$	
12	$120 \div 10 =$		34	$2000 \div 10 =$	
13	$50 \div 10 =$		35	$240 \div 10 =$	
14	$150 \div 10 =$		36	$2400 \div 10 =$	
15	$80 \div 10 =$		37	$4000 \div 10 =$	
16	$180 \div 10 =$		38	$690 \div 10 =$	
17	$280 \div 10 =$		39	$6900 \div 10 =$	
18	$380 \div 10 =$		40	$9000 \div 10 =$	
19	$680 \div 10 =$		41	$940 \div 10 =$	
20	$640 \div 10 =$		42	$5280 \div 10 =$	
21	$870 \div 10 =$		43	$6700 \div 10 =$	
22	$430 \div 10 =$		44	$7000 \div 10 =$	

B

Improvement _____ # Correct _____

Divide.

1	$10 \div 10 =$		23	$40 \div 10 =$	
2	$20 \div 10 =$		24	$840 \div 10 =$	
3	$30 \div 10 =$		25	$1840 \div 10 =$	
4	$70 \div 10 =$		26	$80 \div 10 =$	
5	$40 \div 10 =$		27	$280 \div 10 =$	
6	$80 \div 10 =$		28	$4280 \div 10 =$	
7	$60 \div 10 =$		29	$60 \div 10 =$	
8	$50 \div 10 =$		30	$560 \div 10 =$	
9	$90 \div 10 =$		31	$7560 \div 10 =$	
10	$100 \div 10 =$		32	$130 \div 10 =$	
11	$30 \div 10 =$		33	$1300 \div 10 =$	
12	$130 \div 10 =$		34	$3000 \div 10 =$	
13	$60 \div 10 =$		35	$250 \div 10 =$	
14	$160 \div 10 =$		36	$2500 \div 10 =$	
15	$90 \div 10 =$		37	$5000 \div 10 =$	
16	$190 \div 10 =$		38	$740 \div 10 =$	
17	$290 \div 10 =$		39	$7400 \div 10 =$	
18	$390 \div 10 =$		40	$4000 \div 10 =$	
19	$690 \div 10 =$		41	$910 \div 10 =$	
20	$650 \div 10 =$		42	$5820 \div 10 =$	
21	$860 \div 10 =$		43	$7600 \div 10 =$	
22	$420 \div 10 =$		44	$6000 \div 10 =$	

A

Correct _____

Write a fraction or decimal.

1	$\frac{2}{10} =$	.	23	1 =	/10
2	$\frac{3}{10} =$	.	24	2 =	/10
3	$\frac{4}{10} =$	.	25	5 =	/10
4	$\frac{8}{10} =$	.	26	4 =	/10
5	$\frac{6}{10} =$	.	27	4.1 =	/10
6	0.1 =	/10	28	4.2 =	/10
7	0.2 =	/10	29	4.6 =	/10
8	0.3 =	/10	30	2.6 =	/10
9	0.7 =	/10	31	3.6 =	/10
10	0.5 =	/10	32	3.4 =	/10
11	$\frac{5}{10} =$	.	33	2.3 =	/10
12	0.8 =	/10	34	$4\frac{3}{10} =$	.
13	$\frac{7}{10} =$	.	35	$\frac{20}{10} =$	.
14	0.4 =	/10	36	1.8 =	/10
15	$\frac{9}{10} =$	.	37	$3\frac{4}{10} =$	.
16	$\frac{10}{10} =$	.	38	$\frac{50}{10} =$	.
17	$\frac{11}{10} =$	.	39	4.7 =	/10
18	$\frac{12}{10} =$	.	40	$2\frac{8}{10} =$	.
19	$\frac{15}{10} =$	.	41	$\frac{30}{10} =$	.
20	$\frac{25}{10} =$	.	42	3.2 =	/10
21	$\frac{45}{10} =$	.	43	$\frac{20}{10} =$	.
22	$\frac{38}{10} =$	.	44	2.1 =	/10

B

Improvement _____

Correct _____

Write a fraction or decimal.

1	$\frac{1}{10} =$	.	23	1 =	/10
2	$\frac{2}{10} =$	.	24	2 =	/10
3	$\frac{3}{10} =$	.	25	4 =	/10
4	$\frac{7}{10} =$	.	26	3 =	/10
5	$\frac{5}{10} =$	.	27	3.1 =	/10
6	0.2 =	/10	28	3.2 =	/10
7	0.3 =	/10	29	3.6 =	/10
8	0.4 =	/10	30	1.6 =	/10
9	0.8 =	/10	31	2.6 =	/10
10	0.6 =	/10	32	4.2 =	/10
11	$\frac{4}{10} =$	.	33	2.5 =	/10
12	0.9 =	/10	34	$3\frac{4}{10} =$	.
13	$\frac{6}{10} =$	.	35	$\frac{50}{10} =$	.
14	0.5 =	/10	36	1.7 =	/10
15	$\frac{9}{10} =$	.	37	$4\frac{3}{10} =$	.
16	$\frac{10}{10} =$		38	$\frac{20}{10} =$	
17	$\frac{11}{10} =$	.	39	4.6 =	/10
18	$\frac{12}{10} =$	.	40	$2\frac{4}{10} =$	.
19	$\frac{17}{10} =$	.	41	$\frac{40}{10} =$	
20	$\frac{27}{10} =$	.	42	2.3 =	/10
21	$\frac{47}{10} =$	.	43	$\frac{30}{10} =$	
22	$\frac{34}{10} =$	.	44	4.1 =	/10

A

Correct _____

Write a fraction or decimal.

1	$\frac{3}{10} =$	.	23	$2 + \frac{1}{10} + \frac{6}{100} =$	.
2	$\frac{3}{100} =$	.	24	$2 + 0.1 + 0.06 =$	.
3	$\frac{23}{100} =$	.	25	$3 + 0.1 + 0.06 =$	.
4	$1\frac{23}{100} =$	.	26	$3 + 0.1 + 0.04 =$	.
5	$4\frac{23}{100} =$	.	27	$3 + 0.5 + 0.04 =$	.
6	$0.07 =$	/	28	$2 + 0.3 + 0.08 =$	.
7	$1.07 =$	/	29	$2 + 0.08 =$	.
8	$0.7 =$	/	30	$1 + 0.3 =$	.
9	$1.7 =$	/	31	$10 + 0.3 =$	.
10	$1.74 =$	/	32	$1 + 0.4 + 0.06 =$	.
11	$\frac{4}{100} =$	.	33	$10 + 0.4 + 0.06 =$	.
12	$0.6 =$	/	34	$30 + 0.7 + 0.02 =$	.
13	$\frac{7}{100} =$	.	35	$2 + \frac{3}{10} + 0.05 =$	.
14	$0.02 =$	/	36	$4 + 0.5 + \frac{3}{100} =$	.
15	$\frac{9}{100} =$	.	37	$4 + \frac{3}{100} + 0.5 =$	.
16	$\frac{10}{100} =$	.	38	$0.5 + \frac{3}{100} + 4 =$	.
17	$\frac{10}{100} + \frac{2}{100} =$	.	39	$20 + 0.8 + 0.01 =$	.
18	$\frac{1}{10} + \frac{2}{100} =$	.	40	$4 + \frac{9}{100} + \frac{2}{10} =$	.
19	$\frac{1}{10} + \frac{3}{100} =$	.	41	$0.04 + 2 + 0.7 =$	/
20	$\frac{1}{10} + \frac{4}{100} =$	.	42	$\frac{6}{10} + 8 + \frac{2}{100} =$	.
21	$\frac{1}{10} + \frac{9}{100} =$	.	43	$\frac{5}{100} + 8 + 0.9 =$	/
22	$3 + \frac{1}{10} + \frac{9}{100} =$	.	44	$0.9 + 10 + \frac{4}{100} =$	.

B

Improvement _____

Correct _____

Write a fraction or decimal.

1	$\frac{1}{10} =$	.	23	$2 + \frac{1}{10} + \frac{4}{100} =$	.
2	$\frac{2}{10} =$	.	24	$2 + 0.1 + 0.04 =$	.
3	$\frac{3}{10} =$	.	25	$3 + 0.1 + 0.04 =$	.
4	$\frac{7}{10} =$	.	26	$3 + 0.1 + 0.06 =$	.
5	$\frac{5}{10} =$	.	27	$3 + 0.5 + 0.06 =$	.
6	$0.2 =$	/	28	$2 + 0.4 + 0.09 =$	.
7	$0.3 =$	/	29	$2 + 0.06 =$	.
8	$0.4 =$	/	30	$1 + 0.5 =$	.
9	$0.8 =$	/	31	$10 + 0.5 =$	.
10	$0.6 =$	/	32	$1 + 0.2 + 0.04 =$	.
11	$\frac{4}{10} =$	.	33	$10 + 0.2 + 0.04 =$	.
12	$0.9 =$	/	34	$30 + 0.9 + 0.06 =$	.
13	$\frac{6}{10} =$	.	35	$2 + \frac{5}{10} + 0.07 =$	.
14	$0.5 =$	/	36	$4 + 0.7 + \frac{5}{100} =$	.
15	$\frac{9}{10} =$	.	37	$4 + \frac{5}{100} + 0.7 =$	.
16	$\frac{10}{10} =$	.	38	$0.7 + \frac{5}{100} + 4 =$	.
17	$\frac{11}{10} =$	.	39	$20 + 0.6 + 0.01 =$	.
18	$\frac{12}{10} =$	.	40	$6 + \frac{7}{100} + \frac{4}{10} =$	.
19	$\frac{17}{10} =$	.	41	$0.06 + 2 + 0.9 =$	/
20	$\frac{27}{10} =$	.	42	$\frac{8}{10} + 6 + \frac{4}{100} =$	.
21	$\frac{47}{10} =$	.	43	$\frac{3}{100} + 8 + 0.7 =$	/
22	$\frac{34}{10} =$	.	44	$0.7 + 10 + \frac{6}{100} =$	.

A

Correct _____

Write the answer in decimal form.

1	$\frac{1}{10} =$		23	$\frac{2}{100} =$	
2	$\frac{1}{100} =$		24	$\frac{20}{100} =$	
3	$\frac{1}{10} + \frac{1}{100} =$		25	$\frac{2}{10} + \frac{20}{100} =$	
4	$\frac{3}{10} =$		26	$\frac{3}{10} =$	
5	$\frac{3}{100} =$		27	$\frac{30}{100} =$	
6	$\frac{3}{10} + \frac{3}{100} =$		28	$\frac{3}{10} + \frac{30}{100} =$	
7	$\frac{5}{10} =$		29	$\frac{5}{10} + \frac{20}{100} =$	
8	$\frac{5}{100} =$		30	$\frac{8}{10} + \frac{10}{100} =$	
9	$\frac{5}{10} + \frac{5}{100} =$		31	$\frac{8}{10} + \frac{20}{100} =$	
10	$\frac{7}{10} =$		32	$\frac{8}{10} + \frac{30}{100} =$	
11	$\frac{9}{100} =$		33	$\frac{8}{10} + \frac{50}{100} =$	
12	$\frac{7}{10} + \frac{9}{100} =$		34	$\frac{9}{10} + \frac{40}{100} =$	
13	$\frac{9}{100} + \frac{7}{10} =$		35	$\frac{9}{10} + \frac{47}{100} =$	
14	$\frac{4}{10} =$		36	$\frac{7}{10} + \frac{50}{100} =$	
15	$\frac{6}{100} =$		37	$\frac{7}{10} + \frac{59}{100} =$	
16	$\frac{4}{10} + \frac{6}{100} =$		38	$\frac{6}{10} + \frac{60}{100} =$	
17	$\frac{4}{100} + \frac{6}{10} =$		39	$\frac{6}{10} + \frac{64}{100} =$	
18	$\frac{8}{10} + \frac{5}{100} =$		40	$\frac{65}{100} + \frac{6}{10} =$	
19	$\frac{9}{10} + \frac{2}{100} =$		41	$\frac{91}{100} + \frac{7}{10} =$	
20	$\frac{1}{100} + \frac{8}{10} =$		42	$\frac{8}{10} + \frac{73}{100} =$	
21	$\frac{4}{100} + \frac{1}{10} =$		43	$\frac{9}{10} + \frac{82}{100} =$	
22	$\frac{7}{100} + \frac{4}{10} =$		44	$\frac{98}{100} + \frac{9}{10} =$	

B

Improvement _____

Correct _____

Write the answer in decimal form.

1	$\frac{2}{10} =$		23	$\frac{1}{10} =$	
2	$\frac{2}{100} =$		24	$\frac{10}{100} =$	
3	$\frac{2}{10} + \frac{2}{100} =$		25	$\frac{1}{10} + \frac{10}{100} =$	
4	$\frac{4}{10} =$		26	$\frac{4}{10} =$	
5	$\frac{4}{100} =$		27	$\frac{40}{100} =$	
6	$\frac{4}{10} + \frac{4}{100} =$		28	$\frac{4}{10} + \frac{40}{100} =$	
7	$\frac{6}{10} =$		29	$\frac{5}{10} + \frac{30}{100} =$	
8	$\frac{6}{100} =$		30	$\frac{7}{10} + \frac{20}{100} =$	
9	$\frac{6}{10} + \frac{6}{100} =$		31	$\frac{7}{10} + \frac{30}{100} =$	
10	$\frac{4}{10} =$		32	$\frac{7}{10} + \frac{40}{100} =$	
11	$\frac{8}{100} =$		33	$\frac{7}{10} + \frac{60}{100} =$	
12	$\frac{4}{10} + \frac{8}{100} =$		34	$\frac{9}{10} + \frac{30}{100} =$	
13	$\frac{8}{100} + \frac{4}{10} =$		35	$\frac{9}{10} + \frac{37}{100} =$	
14	$\frac{5}{10} =$		36	$\frac{8}{10} + \frac{40}{100} =$	
15	$\frac{7}{100} =$		37	$\frac{8}{10} + \frac{49}{100} =$	
16	$\frac{5}{10} + \frac{7}{100} =$		38	$\frac{7}{10} + \frac{70}{100} =$	
17	$\frac{7}{100} + \frac{5}{10} =$		39	$\frac{7}{10} + \frac{76}{100} =$	
18	$\frac{9}{10} + \frac{6}{100} =$		40	$\frac{78}{100} + \frac{7}{10} =$	
19	$\frac{8}{10} + \frac{3}{100} =$		41	$\frac{81}{100} + \frac{7}{10} =$	
20	$\frac{1}{100} + \frac{7}{10} =$		42	$\frac{9}{10} + \frac{73}{100} =$	
21	$\frac{3}{100} + \frac{1}{10} =$		43	$\frac{9}{10} + \frac{84}{100} =$	
22	$\frac{8}{100} + \frac{3}{10} =$		44	$\frac{84}{100} + \frac{8}{10} =$	



Table of Contents

GRADE 4 • MODULE 7

Exploring Measurement with Multiplication

Module Overview	i
Topic A: Measurement Conversion Tables	7.A.1
Topic B: Problem Solving with Measurement	7.B.1
Topic C: Investigation of Measurements Expressed as Mixed Numbers	7.C.1
Topic D: Year in Review.....	7.D.1
Module Assessment.....	7.S.1

NOTE: Student sheets should be printed at 100% scale to preserve the intended size of figures for accurate measurements. Adjust your copier or printer settings to *actual size* and set page scaling to *none*.

A

Correct _____

Solve.

1	1 cent = \$0.	23	6 pennies =
2	2 cents =	24	5 dimes =
3	3 cents =	25	5 pennies =
4	8 cents =	26	1 dime, 1 penny =
5	80 cents =	27	1 dime, 2 pennies =
6	70 cents =	28	1 dime, 7 pennies =
7	60 cents =	29	4 dimes, 5 pennies =
8	20 cents =	30	6 dimes, 3 pennies =
9	1 penny =	31	3 pennies, 6 dimes =
10	1 dime =	32	7 pennies, 9 dimes =
11	2 pennies =	33	1 quarter =
12	2 dimes =	34	2 quarters =
13	3 pennies =	35	3 quarters =
14	3 dimes =	36	2 quarters, 3 pennies =
15	9 dimes =	37	1 quarter 3 pennies =
16	7 pennies =	38	3 quarters, 3 pennies =
17	8 dimes =	39	2 quarters, 2 dimes =
18	4 pennies =	40	1 quarter, 1 dime =
19	6 dimes =	41	3 quarters, 1 dime =
20	8 pennies =	42	1 quarter, 4 dimes =
21	7 dimes =	43	3 quarters, 2 dimes =
22	9 pennies =	44	3 quarters, 18 pennies =

B

Improvement _____

Correct _____

Solve.

1	2 cents = \$0.	23	5 pennies =
2	3 cents =	24	6 dimes =
3	4 cents =	25	4 pennies =
4	9 cents =	26	1 dime, 1 penny =
5	90 cents =	27	1 dime, 2 pennies =
6	80 cents =	28	1 dime, 8 pennies =
7	70 cents =	29	5 dimes, 4 pennies =
8	30 cents =	30	7 dimes, 4 pennies =
9	1 penny =	31	4 pennies, 7 dimes =
10	1 dime =	32	6 pennies, 8 dimes =
11	2 pennies =	33	1 quarter =
12	2 dimes =	34	2 quarters =
13	3 pennies =	35	3 quarters =
14	3 dimes =	36	2 quarters, 4 pennies =
15	8 dimes =	37	1 quarter 4 pennies =
16	6 pennies =	38	3 quarters, 4 pennies =
17	7 dimes =	39	2 quarters, 3 dimes =
18	9 pennies =	40	1 quarter, 2 dimes =
19	5 dimes =	41	3 quarters, 2 dimes =
20	7 pennies =	42	1 quarter, 5 dimes =
21	9 dimes =	43	3 quarters, 1 dime =
22	8 pennies =	44	3 quarters, 19 pennies =

Name _____

Date _____

Practice Set A Part 1: Multi-Digit Addition Fluency

1.

$$\begin{array}{r} 8,149 \\ + 7,264 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 42,609 \\ + 8,685 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 39,563 \\ + 48,438 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 658,199 \\ + 25,675 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 445,976 \\ + 37,415 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 438,617 \\ + 493,859 \\ \hline \end{array}$$

Practice Set A Part 2: Multi-Digit Addition Fluency

1.

$$\begin{array}{r} 9,202 \\ + 6,211 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 42,774 \\ + 8,520 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 53,545 \\ + 34,456 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 604,754 \\ + 79,120 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 454,315 \\ + 29,076 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 110,728 \\ + 821,748 \\ \hline \end{array}$$

Name _____

Date _____

Practice Set B Part 1: Multi-Digit Subtraction Fluency

1.

$$\begin{array}{r} 7,739 \\ - 5,546 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 23,145 \\ - 5,129 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 71,378 \\ - 61,876 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 479,541 \\ - 78,856 \\ \hline \end{array}$$

Practice Set B Part 2: Multi-Digit Subtraction Fluency

1.

$$\begin{array}{r} 7,699 \\ - 5,506 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 19,145 \\ - 1,129 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 71,878 \\ - 62,376 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 479,497 \\ - 78,812 \\ \hline \end{array}$$

Name _____

Date _____

Practice Set C Part 1: Multi-Digit Subtraction with Zeros Fluency

1.

$$\begin{array}{r} 7,890 \\ - 5,472 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 28,001 \\ - 5,853 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 60,407 \\ - 35,344 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 400,069 \\ - 24,362 \\ \hline \end{array}$$

Practice Set C Part 2: Multi-Digit Subtraction with Zeros Fluency

1.

$$\begin{array}{r} 7,890 \\ - 5,472 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 28,609 \\ - 6,461 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 60,497 \\ - 35,434 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 400,869 \\ - 25,162 \\ \hline \end{array}$$

Name _____

Date _____

Practice Set D Part 1: Multi-Digit Addition and Subtraction Fluency

1.

$$\begin{array}{r} 9,327 \\ + 9,664 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 39,463 \\ - 38,938 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 758,194 \\ + 35,478 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 839,014 \\ - 27,075 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 438,615 \\ + 193,979 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 960,043 \\ - 368,972 \\ \hline \end{array}$$

Practice Set D Part 2: Multi-Digit Addition and Subtraction Fluency

1.

$$\begin{array}{r} 9,630 \\ + 9,361 \\ \hline \end{array}$$

2.

$$\begin{array}{r} 34,478 \\ - 33,953 \\ \hline \end{array}$$

3.

$$\begin{array}{r} 754,454 \\ + 39,218 \\ \hline \end{array}$$

4.

$$\begin{array}{r} 839,099 \\ - 27,160 \\ \hline \end{array}$$

5.

$$\begin{array}{r} 108,215 \\ + 524,379 \\ \hline \end{array}$$

6.

$$\begin{array}{r} 859,943 \\ - 368,872 \\ \hline \end{array}$$

A

Correct _____

Convert.

1	1 km =	m	23	6 km =	m
2	2 km =	m	24	5 m =	cm
3	3 km =	m	25	7 m =	cm
4	7 km =	m	26	4 m =	cm
5	5 km =	m	27	8 m =	cm
6	1 m =	cm	28	4 yd =	ft
7	2 m =	cm	29	8 yd =	ft
8	3 m =	cm	30	6 yd =	ft
9	9 m =	cm	31	9 yd =	ft
10	6 m =	cm	32	5 ft =	in
11	1 yd =	ft	33	6 ft =	in
12	2 yd =	ft	34	1000 m =	km
13	3 yd =	ft	35	8000 m =	km
14	10 yd =	ft	36	100 cm =	m
15	5 yd =	ft	37	600 cm =	m
16	1 ft =	in	38	3 ft =	yd
17	2 ft =	in	39	24 ft =	yd
18	3 ft =	in	40	12 in =	ft
19	10 ft =	in	41	72 in =	ft
20	4 ft =	in	42	8 ft =	in
21	9 km =	m	43	84 in =	ft
22	4 km =	m	44	9 ft =	in

B

Improvement _____

Correct _____

Convert.

1	1 m =	cm	23	6 m =	cm
2	2 m =	cm	24	5 km =	cm
3	3 m =	cm	25	7 km =	m
4	7 m =	cm	26	4 km =	m
5	5 m =	cm	27	8 km =	m
6	1 km =	m	28	6 yd =	ft
7	2 km =	m	29	9 yd =	ft
8	3 km =	m	30	4 yd =	ft
9	9 km =	m	31	8 yd =	ft
10	6 km =	m	32	5 ft =	in
11	1 yd =	ft	33	6 ft =	in
12	2 yd =	ft	34	100 cm =	m
13	3 yd =	ft	35	800 cm =	m
14	5 yd =	ft	36	1000 m =	m
15	10 yd =	ft	37	6000 m =	m
16	1 ft =	in	38	3 ft =	yd
17	2 ft =	in	39	27 ft =	yd
18	3 ft =	in	40	12 in =	ft
19	10 ft =	in	41	84 in =	ft
20	4 ft =	in	42	9 ft =	in
21	9 m =	cm	43	72 in =	ft
22	4 m =	cm	44	8 ft =	in